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THE RHODE ISLAND REDS

MARCH

THE INDUSTRIOUS HEN

An Illustrated Monthly for
POULTRY
LIVE STOCK and the FARM.



Published by the
INDUSTRIOUS HEN CO.
Knoxville, Tenn.



THE PROPER MATING AND CARE OF THE PEN



"See that Lacing on Breast and Body."

A JONES WINNER

JONES, THE WYANDOTTE MAN OFFERS EGGS FOR HATCHING

I have the best lot of birds in my breeding pens this season that were ever owned by one breeder in this country. Clear open centers in my Silvers and Golden; pure white, free from ticking, in my Whites. Every pen headed by a winning male with a national reputation, and many of the females have won honors at such shows as Chicago, New York, Indianapolis, St. Louis, Nashville, Tenn., etc. The same blood lines that produced the winners at more big shows the past season than any other strain in America.

The Strongest Blood Lines on Earth

This has been proven by the high per cent of winners they produce, by the heavy production of eggs. They are a combination of fancy and utility, the best all-purpose fowl in the world. Will not raise the price of eggs, better quality than you can buy for double the money elsewhere.

Silver, Golden and White Wyandottes

36 pens mated up, 12 of each, and will sell eggs at \$3 per 13, \$5 per 26, \$9 per 50, \$15 per 100.

Choice of any one pen \$5 straight—more good value for your money than you can buy of any breeder.

500 Great Big Line Bred Birds for Sale

Can mate you pairs, trios or pens and large lots, or furnish you a high class male bird that will improve your flock.

Get my handsome 36 page catalogue, illustrated in colors, a book worthy a place in any library, full of good practical poultry pointers, sent to any address for 6 cents to pay postage.

6 litters of Fashionably Bred Collies for sale.

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Boswell's Acme White Wyandottes

THE STRAIN WITH A REPUTATION

Bred in Every State in the Union, and Recognized as the Best by those who know WHAT'S WHAT in WHITE WYANDOTTES

I have not up to this time advertised in the Southern Journals, but am going to see how game Southern Poultrymen are at buying my fine birds and eggs—which for many years have commanded discriminating patronage in the North and East.

EGGS FROM "BANG-UP" STOCK: I will sell you Eggs from birds scoring 95, 95½ and 96 points (all scores won in

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Fifteen Dollars per Setting

EGGS FROM UTILITY MATING: The ACME Layers have been trap-nest-bred for thirteen years. Hens and cocks first-class in color and shape, and of better exhibition quality than the average flock, though in breeding for egg production, points must in some degree be sacrificed. Price,

Three Dollars per Setting

Lots of fine Utility Pullets and Cockerels for Sale at \$3 to \$5 Each
Exhibition Birds a Matter of Correspondence

JOHN W. BOSWELL, JR.

(The Man Whose Name Means Quality) EAST NASHVILLE, TENN.

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Make clean sweep of all firsts and specials at Kentucky State Show, winning \$50.00 Silver Cup for best display, \$25.00 Cup for best Cock, Hen, Cockerel and Pullet, and \$10.00 gold for highest scoring pen in show (score 192 points). RECORD SCORE FOR WHITE ROCKS.

At Tennessee State Show, 1906, all ribbons but two; winning the handsome White Rock Club Specials for best cock, hen, cockerel, pullet and pen. These winnings are a repetition of our former records at Chicago, Indianapolis, Illinois State Shows and elsewhere, and prove that "Shaw" White Rocks are without a peer. Judge Hewes says: "The Best Strain of White Rocks in U. S." Judge Russell: "The Best White Rocks I Ever Handled." Matings better this season than ever. Eggs \$5 and \$3 per 15. Good breeding pens, cockerel and 6 pullets, \$15 up. Write for what you want.

Wabash Poultry Farm,

R. F. D. No. 3,

PALESTINE, ILL.



THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 2

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THE RHODE ISLAND REDS

BY MRS. FRANK LANGFORD, NASHVILLE, TENN.

I AM always glad of an opportunity to say something about the Rhode Island Reds, for I am and have been for some time, a "Red" crank. A few years ago, we read such favorable reports of this breed that we ordered a few settings of eggs from a prominent Eastern breeder. It was mostly through curiosity for we were anxious to see just what they were like and to find out for ourselves if these good reports were really true. Those eggs hatched well and what is still better, every chick lived. The following fall, we bought the best cock, hen and pullet that the same breeder would sell and these added to the best of our pullets, gave us a very strong pen. We have never regretted that expense for we believe that in a large way we are indebted to that grand old cock for what measure of success that has come our way.

We soon began to understand the great demand for these fowls. Few, if any breeds, ever grew so rapidly in public favor and their popularity is deserved for it has been won on their merits. They have had worthy competitors in the Rocks and Wyandottes and had the Reds not surpassed in the qualities that make a great utility breed, they would surely have passed down and out. Today the breed is established in the hands of thousands who have found them so good, that

they have disposed of older and better known breeds, to give place to the Reds. The Reds have the faculty of "staying put" when once tried. Whenever you find a Red breeder, you find an enthusiastic friend of the breed, one who believes in them and works for them.

Surely no breed today has a brighter future. The demand for first class stock is far in excess of the supply and to the detriment of the breed, many unscrupulous parties are sending out very inferior stock, but this can only be expected and is probably what every breed has had to contend with at some time of its history. I have often thought that the farmers of Little Compton, Rhode Island, rendered the world a great service when they made this breed and it is but fitting that the Reds should bear their name.

Dr. Aldrich, an authority on the subject, has this to say: "The breed derived its name Rhode Island Red from the male bird. The utility poultry farmer of that section of Rhode Island, known as Little Compton for nearly sixty years, has been selecting red males and leaving the females to be what they may. By this means, they have carefully outbred this now famous breed. Probably today there is not in the whole world, another breed of fowl produced by fifty years of set-



Looking Across the Beautiful Tennessee River from the Experiment Farm, Knoxville, Tenn.

breeding. If it were only so, how much more vigor our several breeds would have. The R. I. Reds stand as the only proof of what out-breeding will do. We fanciers do not live years enough to compose a breed deliberately, unless we in-breed, but it was not so with the original R. I. Red breeds, they knew the Red cock was the most vigorous and almost unconsciously they made a breed."

This bit of history, I think, accounts for their vigor and hardiness and in this way have the Reds come to us, bred-to-live through a long line of staunch, sturdy ancestors. The breed was produced by cross Red Malay Game males on China Cochins and other hens—Brown Leghorn blood was added later. From all these ancestors the Reds derived good qualities. The Cochins gave them a warm full coat of feathers that help them to withstand the winter cold. The games gave them a rare delicacy of flesh, and from the Leghorns come a propensity to lay—a quality for which the Red hens are now famous. They lay big brown eggs, too, that you are glad to show your friends. The hens make excellent mothers and the little chicks are wonderfully hardy and grow very fast.

The color of the breed is one of the most beautiful we have, as well as practical for both city and country. No stains mar the beauty of plumage and yet it is not an object to attract the attention of hawks. The rich, brilliant red of the males is truly gorgeous in sunlight and the soft reddish buff females delight one's eye. I am glad that the new Standard has raised the weights for the breed but believe that 5½ lbs. for pullets would really have been better than the present weight, 5 pounds. Nearly every female in our yards exceeds Standard weight and two of our best pullets now weight 7½ lbs. each.

The Leghorn cross in the Reds doubtless gave us the white in ear lobe, as well as smut in under color, but we will soon be able to get rid of these defects. We are proud that our Reds are descended from the original Tripp-McComber strain. We aim to produce a strain that will excel in standard requirements, and still possess the qualities that have made the Reds famous as a utility breed. We are using trap nests for we must know which hen laid the egg.

And now, I wish I could take the "gentleman from Missouri" through my yards and "show" him that breeding to Standard requirements does not detract, but in fact, adds to

utility values. I would like to show him, Dolly, my second Nashville pullet, which has only missed laying three days since our show closed, January 6th. And also, Red Rose, which began laying later but has done almost as well. Besides many others for we know all our birds and treat them as individuals. A bird to win, nowadays, must not only come up on show points, but must have a gloss of feather and "ginger" that only perfect health can produce. Our best specimens for two past years have proven the best layers.

There must be a deal of old Malay Game blood in the present day Reds for the cocks still show a tendency to kill every other male on the place. I am always careful when I want to pick up a hen or I will have a piece taken out of my hand by "the cock of the walk," for such the Red cock truly is.

Let the seller demand fair prices and give value received at all times, and let the buyer realize that he is getting "his money's worth," and the relations of business will be established on a permanent basis. It is a sad commentary on man that a great many of them do business on the principle that "a sucker is born every day in the year."

Considerable has been and will be said about lice. Now is just the time to bear in mind warnings on the lice problem. Keep a good preventive on hand and be continually on the lookout. If ever lice once get the upper hand of a flock, it's up hill work fighting them. Better a thousand times nip 'em in the bud.

A small quantity of linseed meal can be fed to poultry to an advantage. It brightens the plumage, regulates the bowels and promotes digestion. It should not be fed too regularly, however, as it may cause the hens to moult out of season.

Red pepper is a temporary stimulant and increases the appetite for a short time only. If fed too plentifully and persistently it has no effect, as the hens soon become accustomed to it as a habit.

Give the young stock plenty of shade. If unfortunately you haven't trees provide artificial methods. Chicks fail to do well exposed to the hot sun continually.

Almost all disease among fowls arise from the want of cleanliness, unwholesome food or impure water.



A General View at Experiment Station, Knoxville, Tenn. The Poultry Buildings are located to the right.

THE STORY OF A POULTRY BULLY

BY IDA ELWELL TILSON

I HAVE known many cases, pathetic to me, where people never seemed to get an identity of their own, nor be as somebody's son, daughter, or brother, as the case mentioned by individual name, but were always known might be.

Occasionally, those obscure people reveal, in some crisis, that they have been quiet or unready, not weak. It was so with two of my Barred Plymouth Rocks. They were known as the rooster and his brother. The rooster, Jeremiah, was very precocious and gallant. He crowed at an early age. His shout, instead of ending in a slide, ran down a scale of several notes, with distinct and perfect musical intervals. Even our parson, when I took him out to hear my rooster's voice, admitted there was something striking about his crow.

"Why, that's the peculiar voice which has been waking me up, mornings," said the parson, with kindling eye.

Perhaps a man, caught in another hen house, who declared he was there to be awakened for an early train, by the "roosers," had an eye for my bird. We were roused one night by some squalling and crowing. A speedy investigation found staples of padlocks pulled, and hen house door open, but we were in time to scare away the marauder, though my rooster's paralyzing crow, and the marked feet of my birds, may have helped discourage theft. If you have stock worth locking up, a padlock is too precarious. Put a good, not cheap lock, in door itself, as we did later. It is a painless operation to punch holes in the web of a fowl's foot, if the foot is on a solid place, like block of wood or barrel head. Punches, when fowls are growing, may unite again, and need renewing. No two persons will hit on same system of punches, hence it helps prove property.

Butchers should never buy birds which have had their necks wrung, unless the birds were also bled, since a buyer may thereby encourage theft. Some fine turkeys carried off from our neighborhood were traced by their wrung necks and bodies full of dark blood.

But I am not done with my rooster's voice. He was never done with it, either. Disinterested listeners declared he had more breath than the young man who practiced on the flute, next door. Barred Plymouth Rocks are reputed more brainy than most breeds. Anyway, Jeremiah had a pretty trick of flying up to my head or shoulder, and crowing there. Some poultrymen think a rooster says "Know all men by these presents." But it sounds to me more like "Who, in the world, are you?" It may be both.

"Brother" never crowed. He was bigger, but ungainly and not so slick. While early maturing birds should be chosen as breeders, when production of early broilers or layers is desired, we will get from slow maturers larger birds for roosters. If cockerels are kept by themselves, in a state of bachelorhood, till adult, they mature more evenly, are more vigorous and less pugnacious. The rooster is half the flock. His character should be studied and considered.

"Brother" would creep up to the harem, once in a while, but every time Jeremiah, a regular lady's man, firmly drove him away to a fence corner, where "brother" would meditate hours at a time, head down, eyes closed. I thought him purged of earthly passions.

"Suffer and grow strong," says a poet. One day "brother," with campaign as well matured as the silent Von Moltke or Grant, turned and rent his conceited relative. Snobs are apt to be cowards. Repeatedly I interfered, but Brother, evermore spelled with big B, was determined, and the other craven. It was then lamentations (of Jeremiah), as I rechristened him.

began to seek the consolation and uplift of my society, and talk, talk, talk, by the hour, on our back porch. His whole theme was what he had been in days ago. The whistling sound, employed as a warning of danger, by cocks, degenerated into a constant whine with him.

There was once a woman in a stalled and waterless car, who made so much ado about thirst, that a gentleman finally brought her water. What was his astonishment, when she just changed her refrain of "I am so thirsty," to as constant a one, "I was so thirsty."

Observing and amused neighbors, who had no rooster, offered to take Lamentations home, where he might be "cock of the walk," but such had become his habit of complaint, so much did he enjoy his misery and covet sympathy, a strange sort of vanity, which likes even weakness made of, that he forsook his new flock, to dwell and whine on my neighbor's back porch.

The man or creature that can get no good out of his fellows, lacks response within himself. The neighbor responded to Lamentation's overtures with a broom, and later put him, not in an imaginary, but in a real stew, with dump-lings, which was proper, since only brave, strong, generous roosters have worthy progeny.

Young fowls especially need crushed bone in some form to develop good blood, bone and feathers.



"Daisy Patton" 1st Buff Orpington Hen, Knoxville. Bred and owned by Mrs. J. A. Martin, Johnson City, Tenn.

McCULLOUGH'S POULTRY POINTERS

BY PLUMMER McCULLOUGH

MARCH is one of the best months for hatching early chicks; and selling eggs for hatching. It is also often a very hard month on young chicks. If we are going to hatch March chicks we should be able to give them the best of care.

Don't be in too big a hurry feeding them. I never feed 'till 48 hours, often wait until they are 72 hours old. My rule is to feed as soon as they show signs of hunger.

Don't disturb the hen when hatching only when necessary. She should be looked after to see if there are any shells in the nest and if there are they should be taken out, as they often get fastened over the ends of an egg, thus preventing the chick from breaking the shell.

It is a good plan to take the chicks from under the hen, as soon as they are dry, and place them in a basket by the kitchen fire. Many chicks have been killed in leaving them under the hen.

Don't help a chick out of the shell unless it is absolutely necessary. After your eggs are all hatched you should take the hen and put her in a clean, dry coop with some straw in bottom, give her the chicks and place some water where the chicks and hen can both get it. Have the vessel shallow so a chick can not drown in it. Feed the hen some whole corn and wheat.

For the first feed for chicks I use bread crumbs, or corn

bread, rolled oats, or any chick food for sale by poultry supply houses, they are all excellent for the first few feeds. I think they will do as well on rolled oats as anything else. This can be fed a week or so when you can give cracked wheat and corn, etc. They should have some kind of grit and I think fine sand is as good as any. Keep your chicks housed in cold or damp weather and try and keep them dry at all times. Use dry food for chicks. Never feed sloppy, wet food. They should have some kind of meat.

If you expect good results in hatching your breeding birds must have special attention. They should be fed regularly and fed right. Don't starve your breeding birds and then expect them to give you fertile eggs. Have grit, shells, water, charcoal, bran, etc., before them at all times. They should have some form of meat such as beef scraps or green cut bone a couple of times a week. They should be kept healthy and bright.

Take the male bird out and give him a good feed by himself once a day or have a tin cup where the females can not reach it for him to feed at. Feed cracked corn, cracked wheat, whole corn and wheat, buckwheat, oats, and a little millet or ground sunflower seed. Give green food in some form if it is not provided naturally. Cabbage, turnip, pearings are all excellent. Try and raise better stock this year than ever before and make your motto: "Quality not quantity."

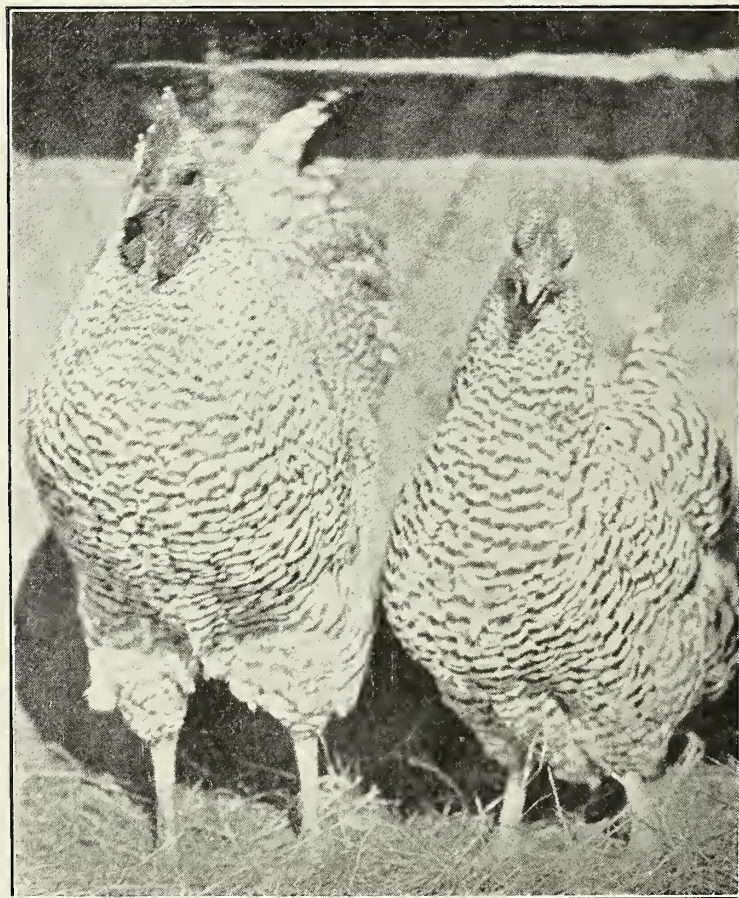
PROPER MATING AND CARE OF THE PEN—F. S. LOVE

THE time is now at hand to look well to the mating of the breeding pen. Here is where many of us fall down, and when we go to the show room the result is too plainly shown. I think all breeders hold that the male bird heading a pen is one-half the flock. I have found it true when it comes to style and plumage.

Select your strongest females, I mean in all points, study your score cards well, and then select a male bird which is strong in the points the females are wanting in, and I do not think you will be disappointed in the results. If you are breeding for eggs, and want to keep up the record of your hens, select your male from a good strain of layers. One can not be too careful in this. In selecting your hens from the flock, cull them closely, better have fewer hens in the pen and have them good. Remember you are laying the foundation for next year's egg market, that is, you are going to hatch chicks that will not lay eggs enough to pay for the keeping.

Many of our breeders lose sight of the utility birds and go in for "points" only. It is very nice to have high-scoring birds in one's flock, yet we must not get lost in the fog and neglect the useful part of the hen, the egg producing machine. I will say the pen is selected to the satisfaction of the owner; the next thing is to supply them with as near the same food as nature gives them, when they are at large on the farm. First of all, pure fresh water. No hen or hens can or will lay well unless she has plenty of water. You must not neglect plenty of grit for it takes grit to get eggs. I always feed my flock a warm soft breakfast, not sloppy, but soft, I give them all they want, cooked potatoes or turnips, any kind of vegetables that is at hand, mash it and thicken with wheat bran; for the mid-day meal, green stuff of some kind, say raw turnips or cabbage and some oats, wheat or rye to work after; and at night I give a full feed of corn. With this way of feeding I am not disappointed when we go to gather the eggs. Some may differ with my way of feeding my breeding birds, but in my hands this way gives me the best results. I get plenty of eggs, and the eggs hatch strong, healthy chicks, which grow off from the start. What more can one ask for?

Now, one word of caution to turkey raisers: If you have a Tom in your flock that you do not intend to breed from get rid of him at once, or you may have the same trouble a friend of mine had a few years ago. She had a yellow Tom to eat, and intended to get a bronze Tom, well she did not eat the yellow fellow soon enough, and had a lot of half breeds. Remember one service of the Tom is sufficient to fertilize one laying of eggs.



Second Hen at Corsicana, Texas, and a pullet breeder. Bred and owned by H. F. Bohmfalk, Mart, Texas.

SOME EXPERIENCES—SOME THEORIES

WRITTEN FOR THE INDUSTRIOUS HEN BY R. E. TRAVIS

THE breeding of poultry is as much a science as the breeding of a horse, and the different bloods of each must pass the crucial test of the practical ends to be subserved. No horse would be worth his keep without some first class quality; no hen is worth her board without some superior quality. She must be for show, eggs or the table.

The two great facts are eggs on the market—with the masses of the people. The show bird is the science of breeding with which intricacies the masses have little time to spend and perhaps less patience. Experience alone, in the location where one is, should determine which of the many high strains would be most profitable. It is clear to me that locations affect the producing character of fowls. So this may involve slight experiments. The writer had a flock of thoroughbred S. C. Brown Leghorns while living some distance from his present home, but they were not more than prolific spring and summer and fall layers, while they were very shy winter layers. My neighbor had the same strain, with seemingly no better surroundings, but gathered more eggs in winter. The theory, however, with me was that a small gulch extending some distance below began at his barn and made the south side favorable to a sunbath. Herein is one of our advantages—our latitude is intermediate, thus being able to dispense with artificial

heat which is economic in food and the expense of the construction of buildings. Any farmer with genius enough to make an axe handle could construct good quarters with scratching shed attached for his poultry. A small amount of lumber, poultry netting and work—two or three days or one week—and the work is done.

I believe in the barn yard flock also. Larger still where there is ample shed room. I notice that my barnyard flock seek me out when they see me coming. But housing tells. I noticed after the matings had been made and the breeding stock housed, with scratching sheds well supplied with straw, the breeders improved in vigor and plumage while those on the free run have shown a tinge of the severe weather.

Yet the cozy corners at the barn where clover leaves and seeds may be found, have on cold days groups of biddies that stay at their business.

In your laudable effort, Mr. Editor, to increase this industry, at once a pleasure and a profit, a few things are near to hand that can be done.

First—Get the foundation stock pure bred of what strain soever.

Second—A suitable, inexpensive house.

Third—Regular and proper feeding with quiet treatment. Nothing haphazard. Results will come.

AMONG JOHNSON CITY FANCIERS—W. H. HARDIN

IT WAS the privilege of the writer to visit the wide-awake, hustling town of Johnson City, Tenn., some days since. Reaching there late in the afternoon, the night was passed most pleasantly at the hospitable home of an old friend, and we were up bright and early next morning, ready for a day's tramp.

The first thing on the program was a visit to the National Soldier's Home, some two miles distant. Through the courtesy of Gov. Smith, permission was granted to inspect the various departments of the work of that institution; all of which we thoroughly enjoyed.

On our return to the city the thought suddenly dawned upon me that Johnson City was the home of a number of breeders of thoroughbred poultry. Being a "hen crank" of the most pronounced type, no time was lost in looking them up.

A copy of the *INDUSTRIOUS HEN*, which I chanced to have in my pocket, served as a directory, so to speak, and no trouble was experienced in locating them.

My first visit was to the beautiful home of Mrs. Jas. A. Martin of Buff Orpington fame. Much to my disappointment Mrs. Martin was absent at the time; however, I was shown the chickens by her husband, and a finer average flock of Buffs it would indeed be hard to find. On account of limited quarters, Mrs. Martin is prepared to care for only a limited number of birds, but what she lacked in quantity was more than made up for in quality. Her birds were a nice, even shade of Buff throughout, many with almost clear wings and tails; fully up to size, and in fact typical specimens of the breed.

I next called on Mr. E. E. Ellsworth, who is, by the way, city recorder. This gentleman is an enthusiastic admirer of S. C. White and Brown Leghorns. Although his time is largely taken up in administering to the municipal affairs of the city, he manages to spend a few minutes each day with his birds, and he has some good ones.

In company with Mr. Ellsworth, we started in quest of Mr. Walter J. Hunter, who is confining himself exclusively to the breeding of S. C. White Leghorns. Fortunately we experi-

enced no difficulty in locating Mr. Hunter and later in the day, had the pleasure of inspecting his birds; and a splendid lot they were. Mr. Hunter called my attention to one pen of fifteen yearling hens, 8 of which scored between 93½ and 95. If indications count for anything, he will make some of those that are now running in the lead, look out for their laurels the coming season.

Dropping in at the Patton Drug Co.'s establishment, we found Mr. Frank S. Patton, a breeder of White Wyandottes and S. C. Buff Orpingtons. Mr. Patton has won the blue at many of the large Southern shows. He is a careful and painstaking breeder, and believes in quality rather than quantity.

Another fancier who will doubtless be heard from in the near future, is Mr. J. R. C. Lewis, proprietor of the Brushy Creek Poultry Yards. Mr. Lewis is making a specialty of S. C. Black Minorcas and has in his yards some of the finest specimens of the breed to be found in the South. All of his birds being bred direct in line from Madison Square and Boston winners.

Certainly a trip to Johnson City would be quite incomplete without a visit to that prince of good fellows, Mr. H. C. Austin, the veteran breeder of Black Langshans. Mr. Austin has made a careful study of this excellent breed of fowl for many years, and his birds are second to none in the South.

There is no section of our Southland so peculiarly adapted to poultry raising as East Tennessee and Western North Carolina, and it is a pleasure to note that our people are beginning to realize, as never before, the great value of this most important branch of farm industry.

Fowls seldom tire of milk. They may eat too much grain or meat for their health, but milk in any form is palatable and healthful.

Drinking vessels should be kept in the shade and kept clean. Disease is transmitted through the drinking vessels in many cases.

SOME FACTS

BY T. H. BAKER

WOULD you have thought that Nashville could have done it? Fifteen hundred of the feathered beauties, from all climes, and a battle royal for first honors. I want to kick, though. Of course some will say that I am sore because Baker's Barred Rocks were not inside the money. Well, let them. That will answer for an explanation to those who merely see the surface and whose minds do not go down into the meat of the question. It was an open-to-the-world proposition, and the world got in, but—

Wherein lies the honor to the Southern breeders who have spent their good hard earned dollars with Eastern breeders for birds to win prizes. The clause of the by-laws that prohibits the exhibition of birds other than those belonging to the breeder, is evaded by the purchase, and John Smith, who could not mate rabbits, much less Barred Plymouth Rocks, walks off with his prize, won for him by his judicious investment of \$50. In fact, he bought the honor, he didn't win it.

But the rules of the game permit the practice, and thereby permit the fraud to be practiced upon the gullible public. The winners of the prizes, who have won on the doubtful honor of borrowed plumage, will herald to the world that they have

eggs for sale from prize winners, which will be true, but how will they be mated? Who, that knows the difficulty of proper mating and the danger of introducing and mixing strains, would care to risk the results?

Such hay seeders as your humble servant, who braced the game with birds of his own breeding, and who ranked near the top, even against the best that Bradley Bros., Hawkins, Thompson and others who got snug sums from our would-be Southern breeders, have the satisfaction of knowing that it took money, and lots of it to beat us. We have the satisfaction of knowing that we have our breeders in hand, and know what results we have accomplished by our breeders and mating, and can therefore reasonably hope for as good, if not better in the coming season. Can the prize winners who purchased birds for this show hope for as good results?

I am not sore over the results, and I have no kick on the judge. If I did have I would go to him and not to the public. I have nothing but praise for John A. Murkin, and the Nashville poultrymen who achieved such grand results, but I do criticize the practice of permitting those who enter the shows as competitors winning on birds bred and raised by others. To be fair, and to accomplish the best results, every exhibitor ought to be barred who tries to enter birds in competition that he has not either raised himself, or who has not used as a breeder for at least one season.

As the matter stands now the poultry business bids fair to degenerate into merely a graft. The object of every association should be for better poultry and more of it. If a fancier can not breed poultry good enough to compete with his neighbors, let him learn how, instead of sailing under false colors.

Baker's Barred Rocks look just as good to me as they did before the show. There was less than four points difference in the score between my one male bird, a Cockerel, exhibited, and the best that Bradley Bros., Thompson or the others furnished. My score was 91 and the highest was only 93½, and mine was a home bred product.

But here is to the next show, and a hope for better results under a change of rules that will hold exhibitors down to birds of their own breeding.



Two Coming Winners as bred by H. F. Bohmfalk, Mart, Texas.

FRUIT TREES IN THE POULTRY RUNS

ONE of the greatest mistakes that the beginner in poultry keeping can make is to prepare a range for his birds barren of all shade. Fowls delight, and it is in fact their nature, to have access to woodland or underbrush where they can dig around the roots and devour the countless worms thus found, at the same time escaping from the direct rays of the sun during the intense heat of summer, says Fred O. Sibley, in the *Epitomist*. It would hardly pay to provide such shelter unless it were likely to yield some degree of profit in addition to benefiting the hens; certainly not on valuable lands. Hence, the advisability of selecting proper varieties of fruit trees and planting them in the poultry runs. Fowls and the right kind of fruits do well together, one being capable of netting nearly as much money as the other, and every acre of poultry land not occupied by fruit trees is to a certain extent wasted or failing to produce all that it should. Providing the soil and location are suitable, pear, plum, cherry and apple trees may alike be planted in a poultry run. The point is to get good varieties of commercial fruit from reliable nurseries, and then set them far enough apart so that the trees will have room to grow and expand. If any dwarf varieties are selected, they, of course, should be placed much closer together. The proper distance apart for plum trees is twelve

feet; for cherry and apple trees twenty feet. When first planted, the run should be sown in bluegrass and clover, as these will add greatly to the fertility of the soil, and until the trees have become well established, they should be surrounded by a fence of chicken wire. After that the fowls will do no harm to their roots—not even if the soil around and between the trees is stirred up and cultivated, as it should be, so that they can scratch and wallow in it. Indeed, poultry will in this way keep down insect pests, such as borers, grubs, caterpillars, worms and the like, by eating them up as fast as they appear; moreover, when the fruits have grown sufficiently so that the rotten and wormy ones begin to fall off, and the worms that are in them grow and multiply on the ground, they will take care of these, and the fruit as well as the worms be good for them. The trees, on the other hand, will afford the poultry excellent shade during the heat of summer and, all in all, the two will thrive together in a marvelous manner. Keep the trees properly pruned, remove any worms that may in the beginning secure lodgment among their foliage, turn up the soil about their base occasionally and enrich it with a little manure every year, and poultry may be relied upon to give them about all the further attention that they will need.—*Petaluma Poultry Journal*.

PACKING EGGS FOR SHIPMENT

BY W. W. KULP, IN SUCCESSFUL POULTRY JOURNAL

I THINK few of us realize the number of eggs passing through the express companies' hands. I am sure the amount is very great and I can only guess what per cent of the amount is properly packed. I know this, that many are not put up in fit shape to be trusted to the tender mercies of the express handlers.

In the first dozen years of my poultry business I was a liberal buyer, and yet buy of course, and have seen many kinds of packages.

Let me first give some of the ways I have seen eggs packed.

I received thirty from a breeder who had won a first in the Chicago show. They were put in a ten pound grape basket with nothing around them except that they were placed in middlings almost against each other. When I put my hand on the muslin sewed on top I felt four broken eggs right under the handle. The middlings had settled, leaving the eggs exposed above the packing. Some were broken through the basket. It was large enough for but one setting.

I received a hundred duck eggs packed in bran in the same way and all were broken but about fifteen. One would think there were no breeders but would know that the eggs should not be near each other.

I get many letters each year complaining of poor packing.

The great point is this: it is a loss not only to the buyer but to the whole army of breeders, for a broken lot of eggs will often kill future orders, especially if it is the first order ever given by that person.

I think the worst packed setting I ever received was from a Vice-President of a specialty club. He took a two quart grape basket without a mite of packing and after wrapping around each egg a little six inch square of paper put them in the basket loose. Of course they were almost all broken.

Now for safe ways of packing eggs. My rule is to try to pack them so securely that if you let them fall from the height of your head to the ground none will be broken.

For the one, two and three settings and fifty, I take a good, firm basket. They are called diamond market baskets, of eight, sixteen and twenty-four quarts sizes, and first line them with paper. Then put in a lining of excelsior, leaving just enough room to stand the eggs in the center after wrapping each egg in a large sheet of paper. I take one page of a newspaper, putting the egg on one side in the center, giving the paper several turns, then fold over the one side of the paper give it a half wrap so the fold comes under and fold the other side. This gives the egg many folds of the paper on each side, and the ends are firm, making a sort of box for the egg. To make them doubly safe, I put excelsior between the eggs yet, and on top and then sew muslin over all, putting on a label.

If you wish you can buy a wooden box with large egg places and wrap each egg and use bran or light sawdust to fill. These are safe and less trouble to pack but will cost more than twice as much in money. If you are a beginner and are not shipping extra fine eggs you can not afford the expensive boxes. I have had eggs broken in them, too, though.

For the one hundred egg orders or over you can take fifties or you can use a light egg crate. If you do use a crate I would use only every other hole in the fillers and be careful that when you begin a new filler you do not use the fillers directly over those you used in the last layer.

One of the points to have shipments go safely is to make the package firm. If they are too loose the eggs will work together and they are sure to be broken. You will not hurt the eggs by pressing them a little and at the sides of the fillers

some excelsior should be used. If you prefer you can use bushel baskets for hundred egg orders, but I have thought it would take more care to pack one of them safely than a crate. The one point would be which will be handled the best by the express companies. It is a safe rule to use handle packages as much as possible for they are by habit handled with some care.

Take the eggs as fresh as possible and when they are waiting a few days for an order be sure and put them where they will not dry out, for the inside of an egg should be full so it is firm as surely as the outside. I have found in years of shipping that eggs will hatch after long shipments, shipments of three thousand miles if they are fresh and well packed.

Buying good space and using poor copy is quite as sensible as setting a piece of glass in a pure gold ring—*Rusty Mike's Dairy*.

Keeping the droppings gathered up from under the roosts will aid very materially in preventing scaly legs among the fowls.

If the fowls have free access to dust boxes they will generally rid themselves of all parasites that so often trouble them.

One of the best foods for sick birds is parched wheat.

Feed ducks and turkeys always where you want them to roost.

Buy your feed, while it is cheap, for next winter's supply.

See that the chicks have plenty of shade.



"Lady Bess" 1st Pullet Nashville, Tenn., 1906. Bred and owned by W. T. Darby, Florence, Ala.



DEVOTED TO EVERY INTEREST OF THE
Poultryman, Live Stock Breeder and Small Farmer
Entered at the Knoxville Postoffice as second-class matter.

J. HOWARD SLEDD **Editor**

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And a staff of contributors unequalled by any periodical of its class.

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The Industrious Hen is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to the Poultry industry, Live Stock breeding and intensive farming. Contributions that are practical and pithy are solicited.

BLUE WRAPPER.

If your paper comes to you in a blue wrapper you will know your subscription has expired, and will be discontinued unless remitted for at once. Do not miss a number but renew now.

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Furnished on application. The value of *The Industrious Hen* as an advertising medium is unquestioned. The character of the advertisements now in its columns, and the number of them, tell the whole story. Circulation considered, it is the cheapest Poultry journal in the United States to advertise in. Advertisements, to insure insertions in the issue of any month, should reach this office not later than the 25th of the month preceding.
Breeders' Plain Cards will be run at the rate of one cent per word each insertion. Numbers and initials count as words. No card taken for less than 25 cents.
The Industrious Hen reserves the right to reject any advertisement for cause.

I would appreciate it if every secretary of every Southern Association would notify me of the dates selected for their next exhibition, the officers and judges. There are many reasons why I make this request, the chief of which is that I desire that THE HEN be enabled to keep these shows before our people all the time. And again it may be that by knowing the dates desired THE HEN can help the executive committee of the Southern Association in the shifting that will be necessary to avoid all conflicts another season. Don't neglect this, my good friends, but let me hear from you.

* * *

I read somewhere not long since of an orator saying that Tennessee had "set more stars in the galaxy of glory than any other state" and the editor's comment was 'Bosh!' What Tennessee should do just now is to set more hens and fewer stars! That the setting of hens is a profitable business has been demonstrated again and again, and Tennesseans are rapidly coming to the front as leaders in the poultry industry. Not only is there a very material increase in the amount that is being raised and shipped but there is a vast improvement in the quality. By proper care and feeding and then by using business sense in the shipping the increase will be still further augmented.

Setting Hens

A gratifying increase in the price our people are paying for their breeding stock has been reported by a goodly number of our advertisers. I say gratifying because there has been too much tendency to arrange to get the very cheapest kinds of pure bred stock, stock that should never have been shipped for breeding and is unfit for anything save the butchers block. The buyer has been disappointed and the seller has done both himself and the business harm. Now that the buyers have begun to realize what pure bred stock is and that they can not get even good breeders for a song the outlook is more than hopeful. All of this has come about by our people being shown what good stock is and learning that it costs no more to breed pure bred chickens than it does to breed scrubs.

* * *

The season of the year is here when every one should be giving the best attention possible to their fowls. It is folly for you to have invested in good stock and now to neglect it. Just as much as it would have been for you to have bought a stock of merchandise and then left it to take care of itself. The birds you bought pleased your eye because they were prepared by careful attention and selection for the show room and if you are disappointed in their looks now you must not attribute it to the stock but to your own negligence. As a pure bred cow or horse will degenerate unless properly cared for so with your fowls. You can not expect them to do good work and to maintain that healthy and glossy appearance they had when you bought them from the hands of those who had cared for them properly, unless you give them the same care. Just here comes much of the complaint that we read about, that pure bred fowls are no better than common stock. They are left to shift for themselves and gain a scanty living from the garbage pile and then when they do not lay you say "Chickens don't pay." Assuredly not when no care is given them and they can not be expected to.

* * *

By the time this reaches our readers the Poultry Department at the Tennessee Experiment farm will be in good running order. Already a goodly number of houses are up and several breeds of fowls in their places. The incubators are running and soon the youngsters will be in their brooders. It is the purpose of the director of this department to keep an accurate account of the cost of the chick and to test the various methods of feeding to promote rapid growth. With the adult fowls the same method will be followed, a strict account will be kept with them so that it can be determined which of many food rations will give the largest egg yield at the smallest cost. Individual records will be kept with the hens, trap nests being used. Various patents of these nests will be tried that it may be determined which works most successfully. In breeds there will be White Wyandottes, White Plymouth Rocks, Barred Plymouth Rocks, Black Langshans, White and Brown Leghorns, Buff Orpingtons and Rhode Island Reds, these as starters, and as rapidly as may be other breeds will be added. I hope to make the reports from the Station of interest and benefit to my readers.

* * *

One of the most important pieces of work cut out for the committee of fourteen appointed at the last meeting of the American Poultry Association on necessary changes in the constitution was that they "should consider carefully the question of the division of America into territorial and district organizations." This has been the idea of this writer for years and he has so expressed himself more than once. If the Association hopes to accomplish the good that lies before it, it is essential that some step be taken to harmonize all the various factions that are often the outgrowth of location. As our various fraternal orders have a head center and many subordinate branches each with

A Step Forward

its special functions and work, so the Association can be so worked as to make it indeed what it is in name, the *American Poultry Association*. That this work will not be accomplished in a day and that it will not be an easy task we all know. The New England States have their League and down in Dixie we have our Southern Association and there may be other organizations of a like order in the far West and Northwest. I am confident, however, that a proper spirit and a right basis of representation would bring all of these Associations into one harmonious whole. There was need for the formation of the Southern Association and that need will continue to exist, but there is also need that there be a head center to all or for all the poultry interests of this country and the step the A. P. A. has taken will demonstrate that there were "wise men from the East" in council.

* * *

In no business is there more inclination to draw on the imagination and to ignore facts than in advertising. I feel sure that in many cases this is brought about by **Honesty** ignorance but in others it is the result of an inordinate love of the almighty dollar and a desire to obtain it by whatsoever method that will bring it quickest, while in still other cases it results from a desire to outdo some other advertiser. In the poultry business there is no reason for any breeder of pure bred fowls so far forgetting the dignity of his manhood and his duty as to be guilty of any attempt to deceive the public by an exaggerated claim for his stock. In no business will the old adage that "Honesty is the best policy" be found truer. Put yourself in the place of the buyer and ask yourself if you would be satisfied with the stock if bought by you from the advertisement you write. Look at both sides and tote fair.

* * *

There is now, has been, and always will be, a disposition to criticise the methods of the successful man. In some cases without any legitimate reason, in fact no reason **Criticism** save that he has succeeded where the critic has failed. That there are those who deserve criticism I readily concede, but there should not be *unjust* and *injurious* remarks made without foundation in fact, and even then the mantle of charity should be used and the person or persons known to be dishonest in their dealings should be urged to give up their evil practices. No one is all bad. Many a time a word, a helping hand, will bring the one at fault to a better method and make a man of him. I would not say or write one word that would encourage in any way wrong doing but I would say: "Be sure you have the 'beam out of thine own eye' that you may see better to pull the one from the eye of thy brother; and remember that 'those who live in glass houses should not throw stones.'"

* * *

The meeting of this Association was well attended by representative men. The annual report was submitted by the executive committee and was very gratifying, showing the affairs of the Association to be in a most excellent condition. This committee is to be congratulated on its work and as proof of the esteem in which it is held they were instructed to keep up the good work and Mr. Jno. L. Faulkner was given them to strengthen their already strong team. During the meeting many members were called upon by the President, Samuel Cooper, to speak their mind. Many did so. Among the suggestions was one in relation to the judges and it seemed to be the opinion of those present that each member of the Association send a card to the secretary, J. Lake Hackney, saying what judges they would like. This it was thought would aid the executive committee in making its decisions. The executive committee met immediately after the adjournment of the association, but what work they did has not yet transpired.

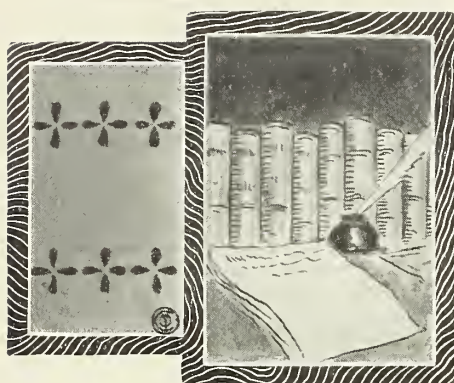
I have been able, through the courtesy of the Southern Railway to visit very many of the towns along its line in my search for facts in regard to the poultry industry. The officials have extended to me every aid in my investigations and I have thus gathered much information as to the commercial outlook for the industry as well as many facts and figures regarding the work done by the shippers in the various localities. All this I have been able to learn besides the pleasant acquaintances formed and the visits to the yards of the breeders of pure bred stock for the show room and for breeding purposes. I hope when the rush of the spring business is over—if it is ever over—to take some other trips and from time to time to run in the columns of *THE INDUSTRIOUS HEN* a brief resume of these facts and figures as I have been able to gather them. The Southern Railway is doing its part in every way to encourage the industry and now runs a through poultry train that has a speed as good or better than that of its mail and shippers of poultry and eggs are accorded every courtesy and rapid transit to the Northern and Eastern markets for their products. The business is growing and to every one who helps there is due a mead of praise.

* * *

In my mail a few days ago I found *The Poultry Yard*. This new paper comes as a candidate for public favor from Charlotte, N. C. A new paper but old heads in the poultry business are looking after the chickens, both old and young, and they will feed you on a well balanced ration for twenty-five cents a year. Cheap, for I've always been told that it cost at least double that to feed each chick, but then those fellows over in North Carolina raise it and know how to use it to advantage. *THE HEN* will see if she can't fly the fence and get into that yard regularly.

J. Howard Shedd





EDITORIAL CORRESPONDENCE

Under instruction from Hon. W. W. Ogilvie, Commissioner of Agriculture, I found myself snugly put away on a Southern sleeper bound for Greenfield, Tenn., where I was to judge a poultry show and deliver an address on poultry. The early morning hours found me in Nashville where I had to remain some hours and after a hearty breakfast I strolled up on the capitol hill and had pleasant converse with the commissioner and others of the notables in the stately building where the state's officials abide. Then I went to the Retail Merchant's rooms and found Jno. A. Murkin, Jr., and in his company I visited many places of interest, among them the rooms of the Board of Trade where I was delightfully entertained by the President, Mr. Hume and his associates, Messrs. Palmer and Shannon. These gentlemen are developing plans for the good of their city and the section known as Middle Tennessee that will result in much good. But trains do not wait for an ordinary man and I was forced to be on my way. At Greenfield I was met by Prof. Higgs, editor of the Greenfield paper, and other members of the Association. My train was delayed and it was a second delegation that was hunting me, the first having had to return to the hall to look after the cooping of

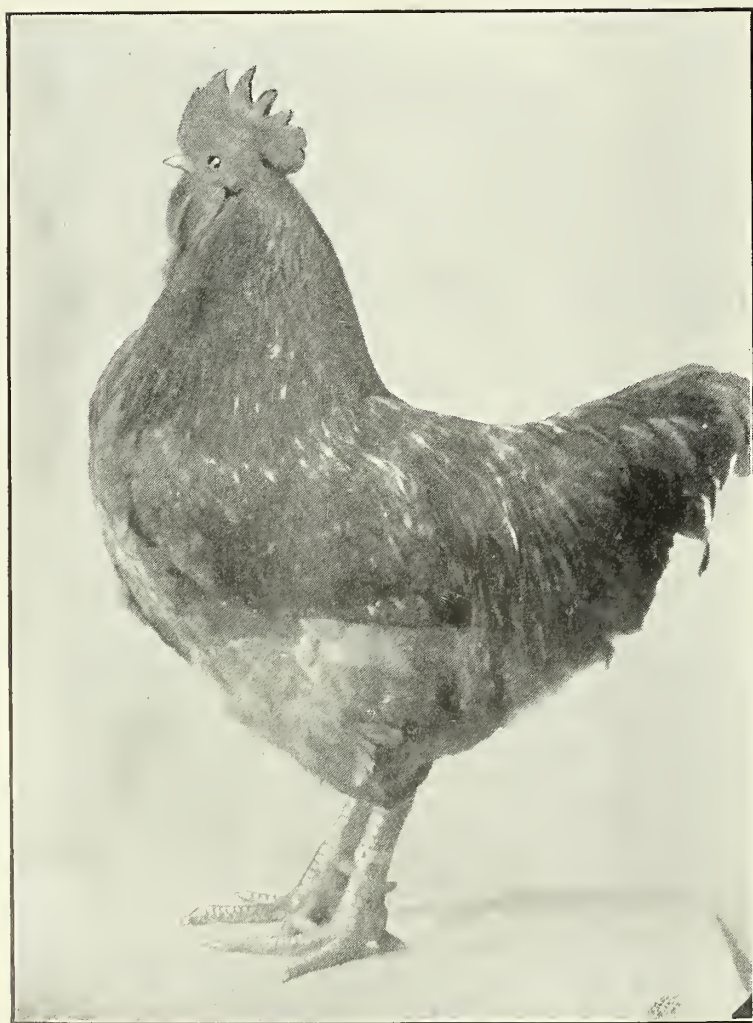
the fowls. In a new building, well lighted and steam heated, on the main street of the town, I found the show room. Every thing had been done for the convenience of the "Judge" and with an able assistant for clerk, I was soon at work among the Barred Rocks and they were good in quality. Honors were divided in several instances. The first cockerel was a most excellent specimen and those coming next were good. The superintendent of the show, S. T. Johnson, had the greatest trouble with his Barred Rocks in getting them down, and not up, in weight. He, at least, does not think the Standard weights too high. W. E. Kerksey, the President of the Association, had a trio that won first and no better barred cockerel was in the show, but he was a little under weight, a late hatched bird. He should prove a winner as a cock. Among Mr. Kirksey's exhibit was a trio of S. C. Buff Orpingtons and a pullet in the trio was the smoothest in color it has been my pleasure to see this season. Then in Wyandottes I found the best Golden Laced I have seen anywhere in the South and I predict for the owner a great success. This gentleman was my very painstaking and efficient clerk, J. W. Karnes. Then came White Wyandottes that were the property of Mr. Robinson as the winners. They were excellent in shape and will do him good service. Mr. Robinson is a member of the Greenfield Produce Co., and with his colleagues is building up a fine business in poultry and eggs and beside his love for pure bred chickens he realizes their commercial value and is urging the necessity of doing away with mongrels and using pure-bred stock.

Brown Leghorns were a good lot and Mr. Drewry is to be congratulated on the character of his stock. My young friend, Ed. Stoker, with White Leghorns, is going to make a name for himself as a breeder. I had a pleasant little run with him to his father's home and saw his arrangements and his flock. They were good and his housing convenient. With a just pride in his stock, and the grit of young America he will be a success. Black Minorcas that held the ribbons belonged to Mr. Ervin. Unassuming and painstaking he is already a success as a breeder of this variety and will do the honest thing by all who may call on him.

An innovation was *no admittance* charged the visitor and an urgent invitation to come and bring your friends and verily when I was hoisted on a table, amid the crowing of roosters and the cackling of hens to make the address on poultry, I thought surely "all the world and his sweetheart" is here. It was a pleasure to see the ladies in attendance and had a part of the audience not been so vociferous in its applause it would have been an easy task to have talked on and on to those clever people. One talk did not suffice for on the next day the crowd was all back and after the reading of resolutions thanking everybody for the kindness, the Commissioner for his having sent me to them with a few complimentary remarks about the "Judge" I was again telling them of the How and the When in poultrydom.

A late train was to take me on back to the nest in Knoxville and I had pleasant converse with the boys who managed affairs to the wee small hours. The courtesy and kindness shown me will remain green in memory's garden. I have much more to say that can't be said this time.

The awards will be found elsewhere.



"Togo," 1st Buff Orpington Cock Knoxville Show. Bred and owned by Mrs. J. A. Martin, Johnson City, Tenn.

OUR FOUR-FOOTED FRIENDS



Some Valuable Pig Pointers.

One of the first things I learned was that we must have the mature brood sow. I would select one that had not been confined to pens, as that spoils them. Any good breed for selling pigs is all right. Select one a little coarse and of long body. The sire should be of full blood, of individual merit, and of good pedigree. Do not inbreed. It ruins the vitality.

If the sow is confined and fed on fatty food, she has nothing to produce young animal growth, and she must rob nature to feed the brood. If, on the other hand, she has a good range and is fed on a ration the same as you give a cow, she will do well, and not eat up the pigs. A good ration is: Clover hay, corn in the morning and at night, wheat bran and oats. There is nothing like oats to produce stamina in any animal. If the corn or oats are shelled, don't feed in the trough, but scatter so the pigs will pick up and eat slowly. Be sure to give plenty of water.

Each sow at farrowing time should have a little pen by herself. The ideal pen should have no floor or place where the pigs can get fast. Two most important points are: 1st. A little pig can't be shut up and be healthy. It is natural for a little animal to take exercise. If kept confined, the thumps will develop. That means too much fat, which clogs the action of the heart, retards circulation and causes death. 2nd. Don't overfeed the brood sow at first. Feed for milk production, gradually increasing the ration.

When pigs are three weeks old they should be fed by themselves. Give a little skim milk, but no more than they will eat up quickly. See that the trough is kept clean, and don't feed sour milk. Wheat middlings are excellent. Soak in water and add the milk at feeding time. A little corn during the summer is good, but it must be shelled and soaked.—*Prof. Henry.*

Raising Berkshires in South.

Berkshires are probably more widely distributed and more favorably known in South Carolina than any other breed of hogs. Nearly all breeds of black hogs do well in the South; whereas white hogs do not seem to take so kindly to the climate. Berkshires are peculiarly well adapted to the South, as they are naturally quite active and make good rustlers, which is a decided advantage when one considers the methods of pork raising most in favor, and likewise most economical for Southern farmers to follow. In many sections of the South there is still much cheap land of a broken nature which supplies an abundance of mast, providing almost ideal conditions for raising pork under range

conditions. Hence soiling crops may be grown in a succession so as to provide grain pasture for several months of the year. In this way hogs can be cheaply raised for a small consumption of grain, and the natural conditions are very favorable to the Berkshire with his well-known rustling qualities. Hogs may be shipped South at almost any time with comparative safety, though bringing them in the fall during cool weather is a decided advantage, as they then have a chance to become acclimated before the hot weather of the following summer. The greatest care should be exercised in shipping and unloading the hogs to avoid their infection with cholera.—*Andrew M. Soule.*



C. P. Hale, Sweetwater, Tenn.
Knows, Breeds and Shows B. P. Rocks.

Breeding Hornless Cows.

Prof. W. J. Spillman of the national agricultural department declares that it is possible to dehorn a whole breed of cattle by introducing into the breed a single pure polled animal, though this would require more in breeding than is desirable. The problem is much easier when a number of breeders work in parallel lines, so that strains are always available that are not closely related.

The only difficulty in applying the principles of Mendel's law in dehorning a breed of cattle arises from the fact that the hybrid animal is itself polled, although it is capable of transmitting both the polled character to its offspring.

It is entirely practicable for every breeder to secure enough of these pure polled animals as a basis on which gradually to work out the horned animals and increase the pure poll until they constitute his entire herd.—*Farmers Sentinel.*

The Combination Cow.

There is incessant warfare between the specialists in cow breeding and the man who wants a cow that is both a beef maker and a milk maker. First the combination cow was called a general purpose cow, then a dual purpose cow, and now some one has hit upon the name given above. While the specialist is right in some things he is wrong in others. Certainly the man that is producing milk with the idea of selling it must produce that milk from the cow that will make it as cheaply as possible, and this he will find among the distinctly dairy cows. But there is a place for the combination cow. On the high priced land in Illinois and adjoining states the man who is producing beef cattle is learning that it is impossible to make money by producing beef cattle alone. He must utilize the milk-giving power of his cows as much as possible. Therefore he wants a cow with a beef form and deep powers of milk-giving. These kinds of cows are in existence. They are not suitable to go into the dairy, but are suitable as an adjunct to beef making.—*Farmers' Review.*

Still Room for Energy.

Two negro farmers of Lonoke county have just sold at Lonoke five bales of long-staple cotton at 17½ cents a pound, each bale netting more than \$85.

Yes, there are trusts, combinations and restrictions of competition these days, and many grave evils may be threatening or actually afflicting the country, yet two Arkansas negroes can raise the best grade of cotton and get 17½ cents a pound for it.

The man who knows how to work intelligently and is willing to work is not likely to starve. The curbstone orators who are discussing theories of government and constitutional subtleties had better be raising cotton.—*Gazette.*

Sell the poor cows and buy no other unless you know all about them. Farmers lose more money by buying fresh cows than from any other source. They can not judge of the capacity or disposition of the animal until it has been tested, and disease may be brought into the herd unknowingly. When the foundation of a herd rests upon the breed, and the farmer patiently waits until he has secured cows of his own breeding, the road to success will then be easier.

Dairymen have set the standard at 200 pounds of butter for the ordinary cow. They claim she is not worth keeping if she will not do that.—*Exchange.*

The cardinal virtues of poultry keeping have been defined as intelligence, industry, commonsense, vigilance.



FARM AND GARDEN



The Kitchen Garden.

If the average gardener of today would make a combination of the care, patience and labor which his grandfather put upon the kitchen garden, with the splendid variety of fruits and vegetables which science and plant breeding have made available today, we would have more of wholesome table food the year round and less of poor canned stuff.

The farm gardens, "market gardens" and "truck gardens" of today are the producers of a multitude of "miscellaneous vegetables" almost unknown fifty years ago. In the census of 1890 the large increase in garden products was recognized, and a systematic count of their bulk and value was made. It is possible, therefore, to make a ten-year comparison of the increase of such products, and this records the remarkable increases from 190 per cent to 400 per cent in the five several divisions of the country. The North Atlantic States had a well-developed industry in "garden products" before 1890, which accounts for the relatively low increase. However, 190 per cent in ten years, while the population increased only a trifle over 20 per cent, is amazing.

Could our great-grandfathers, who thought tomatoes poisonous, and our great-grandmothers, who grew them as ornamental plants in window pots, under the attractive name of "love apples," come back and realize that over 30,000,000 bushels of the pretty poisonous vegetables, according to a statement in Harper's Weekly, are eaten as a common and healthful food, they would surely realize that time works wonderful changes. Another interesting statement is that the lettuce crop of the South has so increased that in the spring of this year North Carolina sent twenty car loads of that vegetable north in a single day.

Thirty-five years ago celery was a rarity, even on hotel tables, and was used by few families even of wealth. Today it is a common edible, occupying thousands of acres in Michigan, Ohio and New York. One firm has celery farms in Michigan, Florida and California, and because of the variety of seasons it is engaged in shipping celery by the car load the whole year round. Twenty-two million bunches of radishes and 12,000,000 bunches of asparagus are the figures given for the crops of these vegetables.—*Exchange.*

The old varieties of apples, such as Spy, Baldwin and Greening are always salable. They will remain standard varieties after many of the new sorts are forgotten.

Sometimes advertising is like going duck hunting with but two or three cartridges. One may get a duck or two, but will never come home with a good bag.

The Garden.

The garden is essential to the health, comfort and well being of every farmer's family and of every family in villages, towns and cities who may have a small plat of ground adapted to vegetable growth. A well-cultivated garden supplies a large part of food required for the family, and at little labor and nominal cost. No farmer can have an ideal home without a good garden that supplies vegetables every day in the year, and an abundance of different varieties of fruit and berries for the family.

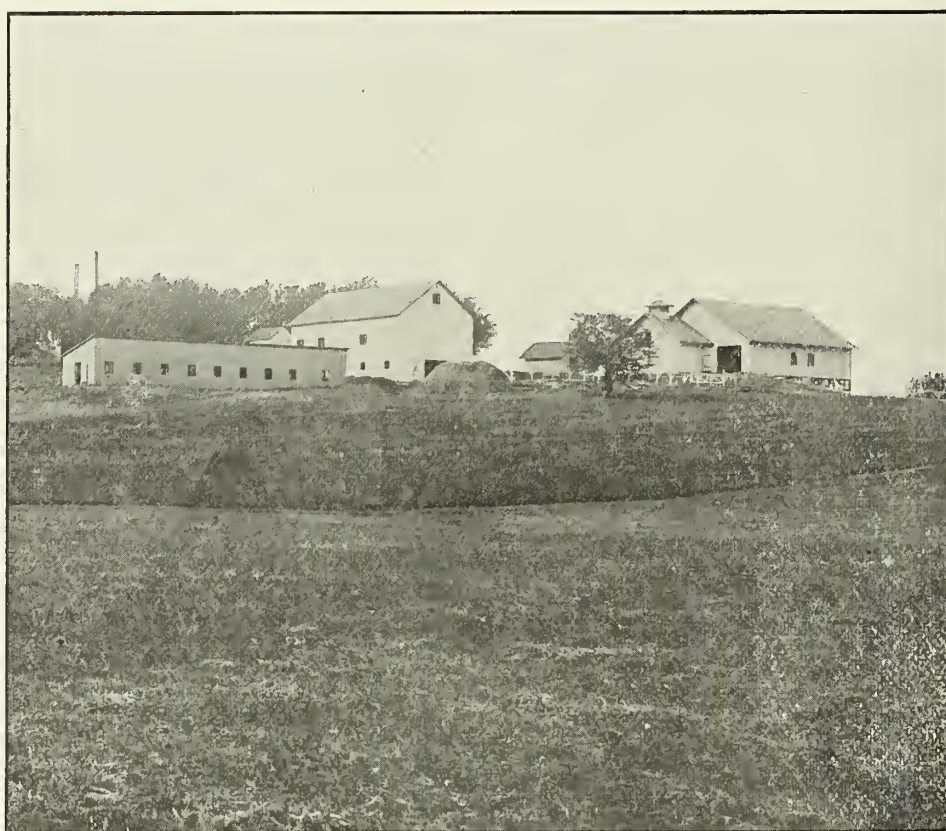
The garden teaches the lesson of intensified farming, and results in better tillage, larger crops, better stock and improved methods in every way. Good gardens and poor farms never kept company long. The growing of berries for family use is easily done. The growing of berries on a large scale and selling them requires considerable skill, and a special business tact. Only those who have good location, good market and a taste for the business should attempt it. Many small farmers so situated are making a success by commencing moderately and increasing acreage from season to season as experience warrants. Berries should be grown by owners of all village homes, and acreage property in city and village may be profitably used for that purpose.—*Exchange.*

It's a thousand times better to read a little and think a great deal than to read a great deal and think a little.

More About Alfalfa.

There has been so much said about the difficulty of starting an alfalfa field that after my experience this season I feel it my duty to tell about it for the benefit of those who hesitate to try this crop. After studying the question for four or five years, I came to the following conclusion: First, sow without a nurse crop; second, sow at same time you would oats in the spring; third, use plenty of seed. I tried it on land that I was not acquainted with, but consider that I have a sure thing of it now. I sowed about one-half acre April 20, using twenty pounds of seed that tested 85 per cent. fertile; cut the first time June 20 and cut again August 15, and today, August 19, the ground is green as can be again. This ground slopes slightly to east and north; had been used for garden truck, was as weedy as land could be, and was rather wet. We have had a very wet season, but no water stood on it. It has had a fierce fight, but has seemed to have the best of the same from the start, having had a good color and growing fast. It was beginning to blossom at second cutting. August 17 I put the first fertilizer on it as follows: Two hundred pounds wood ashes, unleached; 180 pounds 2-8-10 commercial fertilizer.—*O. J. B., in Rural New Yorker.*

Some people go ahead and do things; others sit back idly and criticise the doing. Which class is of greater benefit to the world?



Barns at Experiment Station, Knoxville, Tenn.



EGGS STOLEN FROM OTHER NESTS

Pure Breds and Scrubs.

It may be claimed that the best hens in a common flock—those that produce eggs—are at least well bred. It is difficult to find a flock of hens that has not some Plymouth Rocks, Brahma, Leghorn, or Wyandotte grades among them, and which accounts for an excellence that may be found. If scrubs will pay, how much better would hens that have been selected do? Scrubs are creatures of accident, while pure bred are the result of breeding. The poultry raiser who will do some thinking in the matter of breeding poultry and who will set out to accomplish an object would have better results than the one who allows his flock to increase without careful supervision. The ones who will give their scrubs attention will derive better results from them, and will be induced to improve; and if they are not willing to look after scrubs, they will not succeed with pure breeds.—*B. P. Wagner, Mo.*

* * *

Eggs as Food.

Eggs without doubt stand next to milk in available food material for the sick, as they are easily digested and absorbed if raw or properly prepared. Physiological chemists tell us that 97 per cent of the albumen and 94 per cent of the fat are absorbed into the blood stream. These same chemists tell us that eggs are a complete food for all young mammals, as they contain in correct proportion the tissue-building material, in form of albumen (white) and mineral matter, in the form of phosphorus, lime, potassium, iron and sulphur; the heat and energy material in the form of oil (fat) in the yolk, and a large amount of pure water.

Owing to the lack of starch and sugar an egg can not be called a complete food for the adult; hence bread, rice or some other starchy food must be served with eggs. To render the food complete, the sick must be fed as children are—that is, with foods that are easily and quickly digested and absorbed, for the digestive organs are always weak. Eggs, therefore, are among the most valuable of foods for this purpose.—*Southern Poultry Courier.*

* * *

Farm Poultry.

Poultry is worthy of more attention than the general run of farmers give it. Every one keeps chickens. Many keep ducks, geese and turkeys but of all who do, only a small per cent really study this branch of farming and get a fraction of the possible returns.

Hens need breeding for eggs as cows do for milk. The scrub hen is no more of a money-maker than the scrub cow.

The hen is in need of a balanced ration the same as the cow. She gets it herself in summer but in winter she must be supplied by the farmer.

If you have been keeping track of the cash received from your poultry you will be aware of how many grocery and other bills have been paid by the neglected hen. If you will begin to study poultry and practice what you learn, you will see how much more money you can get from that source than you have been getting. Every farmer should take a greater interest in farm poultry. Breed for eggs, feed for eggs, learn how to fatten the surplus. Poultry-raising is not to be laughed at.

Haven't time to fool with hens? Then turn that business over to the wife or daughter and give them the profits. Don't make them do the work and you pocket the cash. The laborer is worthy of her hire. She will soon have a new cloak, a new dress, etc., and you will be none the poorer for it. Good way for the girls to earn money for a piano, or music lessons, or satisfy some long cherished desire for self-improvement.

* * *

The Patent Hen.

It is a great loss of time and energy for the old hen to raise a brood. Now-a-days, it is unnecessary that she should. Her maternal functions can be transferred to the wooden nurse. However, unlike the woman of society who shifts her maternal duties upon a hireling, the hen should not spend her time in social ease but get down to work.

The breeders are working for the non-setting hen. She's coming. Let her come, for the incubator can do the hatching better than she can. The brooder is a better nurse than the hen herself. So let the hen keep laying. In fact, make her lay. That's what you keep her for. If she does not, fatten her and make a stew for the preacher.

The incubator is one of the really good things of recent invention that sells for anything like a fair price. There seems to be no incubator trust. Competition of many manufacturers keeps the price within reach of the average farmer. It is a contrivance that does not lose its value by use. When properly cared for it does not deteriorate by wear, use, rust, or anything. It is as good five years after purchase as when bought. What other thing on the farm has such a record?

The incubator is as valuable as the hand separator. It can be started real early when hens have no notion of setting. It can be kept going as long as desired.

There have been newspaper yarns out about patent eggs—machine made eggs—

but some of us are "from Missouri." However, there is a patent hen. It does everything but lay eggs and cackle. No one should have to "be shown" in this day that the patent hen has merits over the original hen. Study the catalogs of incubator manufacturers and be convinced, if not already, that no farmer can afford to fool with a few hens when he can easily hatch ten times as many chicks. He has the feed. Why not raise the chicks?

* * *

This usual demand for eggs from trap-nested stock places a premium on the eggs from those breeders who realized the great advantages of the trap-nest system, and have therefore been trap nesting their layers for years. This same demand is causing some breeders to imagine a great deal and to conclude that because they have watched their birds they are trap-nested, and the ambition of some breeders to share the prosperity that rightfully belongs to those who were far-sighted in their work and are honest in their claims. Again some breeders advertise trap-nested stock when in fact their fowls are from trap-nested stock. Unless the selection has extended over some period of years eggs from stock from birds that are from trap-nested stock are not nearly so valuable as eggs from birds that are themselves trap nested. First selections show a remarkable culling as a rule; second selections, that is to say the trap nesting and selection of birds hatched from eggs produced by trap-nested fowls, will show a less culling, but, this culling, though it be less, is almost as important.

The highest type is gained only after careful selection extending over a period of a good many years. When you advertise trap-nested stock think hard about it, and qualify your claims. When you buy trap-nested stock investigate your purchase, specify your quality, and be sure that you are getting just what you bargain for.

* * *

Remember that your brooder is more apt to be too cold than too hot. Don't chill your chicks. If the hover chamber is too warm they will get out, but if it is not warm enough they will pile up, sweat, chill, sicken, and die. Chicks will not pile in a brooder that is warm enough. The shape of a brooder has no influence on piling—it is the temperature of the brooder that counts.

* * *

Don't go into hens if you are looking for a soft snap. If you do there will be one more poultry plant for sale in a year or less.—*Annie L. Rogers, Essex Co., Mass.*

BRIEF MENTION.

Recently we received "First Lessons in Poultry Keeping," from Farm Poultry Publishing Co., of Boston. The author of this book is J. H. Robinson and the work has been well done. It is couched in plain language and the simplicity of it will appeal to those who are anxious to learn.

* * *

The catalogue of the Superior Trap Nests is on our table. It presents some truths as to the use of nests that every reader of this paper should know, information that is of value. Send to J. A. Bickerdike, Millersville, Ill., and get one of these little books and you will not regret it.

* * *

Among the catalogues that have been received at this office is that of T. W. Wood & Sons, Richmond, Va. The catalogue is an attractive one, such as this firm is accustomed to send out. No firm has a finer reputation among buyers and none will serve you more promptly and with better goods. The writer has known the firm personally for many years and they justify him in saying that there can be found nowhere a firm that will come nearer doing what they promise.

* * *

Among the new catalogues one of the best that we have seen is that of the Cornell Incubator Company, a book of 96 pages, 7½x10, with a three color cover. It is well written, nicely printed and by using plenty of illustrations the reader can follow the construction of every part of the Cornell Incubators and Peep-O-Day Brooders from the time the rough lumber starts through the dry kiln until the machines are completed ready for shipment. Readers of THE INDUSTRIOUS HEN may obtain a copy by addressing *The Cornell Incubator Mfg. Co., Dept. 1-A, Ithaca, N. Y.*

* * *

"Goliath," at 19 months old, weighed 48 lbs., scored 97½ points, won first prize at Nashville show, January, 1906; also two specials for largest fowl in show. I also won 4th hen and 4th pullet, score 9-95 points. At North Alabama show, December, 1905, I won 1st on yearling cock "Goliath," 2nd on yearling hen, special \$5.00 on pair, 1st on cockerel, 1st on pullet, special \$5.00 on young pair. Goliath heads my flock of breeding females, 1906. Six of which are daughters of "Jumbo Jim," the 47 pound, 18 months old tom that won 2nd prize at World's Fair, St. Louis, 1904. I also have 1st and 2nd prize winning pullets at Columbia, Tenn., in my flock. I carry B. P. R. chickens of best prize winning blood—Bradley Bros. and Sid Conger strain direct. Eggs in season. Turkey eggs from 17 to 18 pound pullets, 50c each, or \$5.00 per dozen; from 19 to 21 pound prize winning pullets \$1.00 each or \$10.00 per dozen. Chicken eggs \$1.50 per 15. Patronage solicited and everything guaranteed as represented. For further information address *Mrs. J. C. Shofner, Mulberry, Route 1, Tenn.*

* * *

GOING WEST? If so, don't fail to write the undersigned for rates, routes, maps, etc. Twelve hours shortest line to Texas. H. F. Latimer, T. P. A., Knoxville, Tenn. J. C. Conn, D. P. A., Chattanooga, Tenn.

Queen & Crescent Route.

White Hill Poultry Farm

WHITE WYANDOTTES and S. C. WHITE LEGHORNS

White that stays white. Ideal in shape

Single Comb Buff Orpingtons

Buff, blocky beauties. We can fit you out for the shows or start you right with breeders. Birds right and prices right.

LAWSON & VARNELL, Route 4

A. J. LAWSON, Mgr.

Cleveland, Tenn.

THEY HAVE CONTRACTED THE HABIT

WHAT? Why of Egg Laying. It could not be helped after being bred to lay nine years by the record system, using trap nests.

BAYNE'S EGG RECORD—WHITE WYANDOTTES.

Blockey, blue-blooded, bred for eggs, farm raised, healthy, hardy hustlers, money makers. The first and longest bred in the South for eggs. Eggs, 15 for \$1.50, 40 for \$3.00, or 100 for \$7.50.

SPECIAL MATING: Hens score 90 to 96. Eggs record 180 to 201. Cock from 201—Egg dam score as ckl. 93. EGGS, 15 for \$2.50, or 30 for \$5.00.

A FEW HENS AND PULLETS FOR SALE

T. L. BAYNE,

Cedarcroft,

Russellville, Tenn.

Mammoth Bronze Turkeys

B. P. ROCK CHICKENS AND POLAND-CHINA HOGS

My Turkeys are as fine as can be found in the United States, winning wherever shown. The present flock of young ones was sired by "Jumbo Jim," the 47-lb. tom that won second prize at the World's Fair, 1904, at eighteen months of age. He also won first at the North Alabama Poultry Show in January, 1905. These young ones promise to be the equal of sire both in size and plumage.

Poland-China Pigs of best prize-winners' blood. Full brothers and sisters won third, fifth, seventh and tenth prizes at the World's Fair, 1904.

B. P. Rock Chickens of Ringlet and Bradley Bros. strains. Beautiful in plumage, large bone and fine layers. Let your wants be known early and get the best for the Winter Shows. For further information address

MRS. J. C. SHOFNER, R. F. D. No. 1, Mulberry, Tenn.

THE GAINES WHITE PLYMOUTH ROCKS

BRED TO WIN—AND DO IT

You would probably buy the Gaines White Rocks if you could take them in your hand and see their immaculate white plumage, their unusual beauty, style and vigor.

ONLY 50 BEAUTIFUL COCKERELS LEFT FOR SALE.

10 of them sons of Bob and Alice White. No more Females for sale this year.

Send for FREE Circular, which gives a list of my winnings.

If birds I ship do not please you, return them AT ONCE. YOUR MONEY BACK and I stand express charges BOTH WAYS.

E. H. Gaines, Prop'r, GAINES' POULTRY YARDS, Gaffney, S. C.

SANDY RUN POULTRY YARDS

W. D. HARRILL & CO., Props. - - - Ellenboro, N. C.

Breeders of Light Brahmas, Black Langshans, Black Minorcas,

Buff and Barred Plymouth Rocks, R. I. Reds, Part-

ridge and Buff Wyandottes, Brown and White

Leghorns, Belgian Hares.

We have won this season at Atlanta, Charleston, Raleigh and Charlotte, on our birds 43 1st prizes, 32 2d, 27 3d, besides scores of specials. Prices of eggs \$2.50 per 15. We have a few good cockerels for sale, including the 1st and 4th prize winning Part-ridge Wyandotte ckl. at Raleigh, also 1st, 2d and 3d at Charlotte, price \$5 to \$10 each.

Hyde Park Kennels

—AND—

Poultry Yards

Breeders of Line Bred BARRED PLYMOUTH ROCKS exclusively. High class stock for sale at all times. EGGS: \$3 for 15; \$5 for 30. Also SCOTCH COLLIE DOGS. Registered stock only.

ALF. BERTLING, Atlanta, Ga.

Or College Park, Ga., R. F. D.

Wall's Barred Rocks

Have won the lion's share of blue ribbons past seven years at Southern shows. Huntsville, Ala., Dec. 26-30, 1904, hot competition, 1st, 2nd and 3d cocks; 1st, 2nd and 3d hen; 2nd pen. Scoring to 95 under Brown; 93¾ under Marshall. If you want winners, send to him for eggs. Will sell only a few settings.

Fox Terrier Pups for Sale.

W. L. WALL, Huntsville, Ala.

HOPE'S Great Jewelry Store

Has Issued a Holiday Catalogue

Which will be sent FREE on request to any address. This catalogue illustrates the newest ideas in Holiday Jewelry, Watches, Cut Glass, Silverware and other Art Wares, and also tells of the immense stocks which we carry at all times. It is interesting and informing, and will make easy the selection of your Christmas Gifts. We want every reader of this publication to have a copy. Send for it TO-DAY.

HOPE BROS., Jewelers

519 Gay St., Knoxville, Tenn.

BUILDING PLANS AND DESIGNS A NEW BOOK



THIS HOUSE COST \$2,000
Fully illustrated in the book

Illustrating Houses costing
from \$1,200 to \$16,000

FULL OF NEW IDEAS

WORTH MORE THAN DOLLARS TO YOU

SEND 50 CENTS FOR IT

M. E. PARMELEE, Architect

OPPOSITE P. O. ON CLINCH ST.

KNOXVILLE, TENNESSEE

Name price of house you desire to build



Poultry Advertising

We plan, prepare and print CATALOGUES, BOOKLETS and CIRCULARS. We design CLEVER ILLUSTRATIONS. We make all kinds of POULTRY CUTS. Ask our prices Write to-day.

FRANK W. YOKOM CO.

Lock Box 252

TOLEDO, OHIO

The Queen & Crescent Route.

Will sell one way second class Colonist tickets to California common points from February 15th to April 7th through Shreveport or New Orleans at the following exceedingly low rates:

Attalla, Ala.	\$36.15
Birmingham, Ala.	34.50
Chattanooga, Tenn.	37.30
Knoxville, Tenn.	40.55
Atlanta, Ga.	39.50

For schedules, maps and rates from other points apply to

J. W. Wood, T. P. Agt., Meridian, Miss.

* * *

The Wabash Poultry Farm has White Rocks and White Wyandottes that are without doubt the finest collection of birds this farm has ever produced. For years this strain of birds has been winning the leading prices at our western shows, with as high scores as were ever given their breeds. White Rocks are their standard but White Wyandottes are no small show at this farm, and in quality the Wyandottes will rank with the best. There is no more reliable firm in America to deal with than the Wabash Farm and their word is bond in every instance. They have quality; they expect fair prices for their stock, but give 100 cents worth for every dollar entrusted with them. The Inland guarantees them in every way to its readers.—*Theo. Hewes in Inland Poultry Journal.*

* * *

Here's the way a California breeder advertises his birds: "Rhode Island Reds Are Not Dissipated, Enervated Show Rounders or demoralized town-bred Birds, with abnormal appetites and in-bred egg eating and feather pulling habits, the result of neglect and prison-like confinement for generations." He further says: "They are not stupid, senseless feeders that gorge themselves to over fatness, neither are they high flyers, or nervous mothers." Even the great and only Edward Brutus Thompson, of Amenia, N. Y., who made Ringlets famous in the Barred Rock history of America, could not excel the above matchless piece of advertising of the new immortal Red fowls. The moral and physical superiority of the Californian's birds should sell every egg and feather for years to come.—*The Feather.*



Second Pullet at Corsicana and Waxahatchie, Texas. Bred and owned by H. F. Bohmfalk, Mart, Texas.

Dysentery Among the Poultry.

Often during the heated term, and in the early autumn, there are hens in the flock that take a disease of a wasting nature; they have a watery discharge that later becomes greenish, and their comb and wattles lose their redness, soon they become listless, will not eat, waste away in body, and finally die. It is not very contagious, seldom becomes epidemic, and is not cholera. It is dysentery, and if taken in time may be cured.

Last summer we had two or three fowls affected this way—in fact, we have a few most every year, but we rarely lose any of them, because of prompt treatment after the following manner:

In the first place, we put the afflicted bird to herself and put some bluestone (sulphate of copper) in her water. Not much of it—just enough to turn the water a brackish color like stagnant water—say a piece as large as a bullet to a half-gallon of water. This makes of the water an astringent tonic. Then we give her parched corn meal with red pepper well stirred in it, moistened with thin gravy, or oily water from beef stew. This heats her intestines and checks the inflammation, and is strengthening. If she is so weak she can not eat, the water and food is put into her mouth, the latter in the form of pellets as large as she can swallow.

Two or three days of this treatment usually effects a complete cure. When there is dysentery of this kind in a brood of young chickens, they are put in a dry place with the mother and cared for in the same way.

Prevention of Poultry Diseases.

Among poultrymen the idea is steadily gaining ground that success is doctoring fowls for disease is a very serious misfortune, because it prompts the poultryman to adopt a wrong basis and a bad footing to work upon. Having once succeeded he acquires the habit of fussing and drugging with the inevitable result that the birds contract the habit of getting sick. In general the measure of success in this direction will be the exact measure of misfortune; for it means increased numbers of sick fowls. On the other hand, leading poultrymen everywhere agree with the prominent physicians that prevention is the one universal, practical basis. They therefore strive to keep their birds in perfect health by every reasonable and practical precaution with respect to sanitation, ventilation, exercise, light, shade, food, water, etc., and to management in general. They reason that healthy hens are happy hens and only such are profitable to keep.—*Orange Judd Farmer.*

It is important that hens should work all the time. Exercise is essential to the health of the flock. A good pile of clean, dry leaves is a real health resort for the hens, especially if there is something among the leaves that induces them to scratch. Their cheery song of content while working will remind you of the whistling of the contented farm boy choring around with his pockets bulging out with good eating apples. Eating the apples is the only thing that stops his whistling, and finding the grain is all that checks the happy singing hens.

There never is a failure without a cause. If you are not doing well, investigate.

S.C. Buff Orpingtons

The World's Best.

Two pens headed by prize winners. Eggs in season \$3 for 15; \$5 for 30.

I have some fine young Cockerels for sale. Highest scoring Buff Orpington at Birmingham show.

C. W. HALL, - Brookwood, Ala.

PULMOLINE

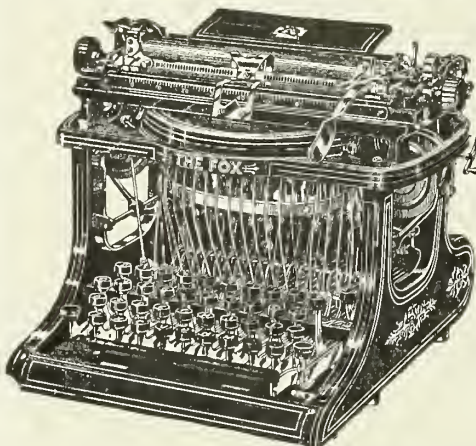
Cures Consumption, Bronchitis, Pneumonia, Croup, Colds, Chronic Coughs and Catarrh. Prescribed and recommended by the leading physicians. Used extensively by the most prominent Sanitariums for treatment of Pulmonary diseases.

PULMOLINE IS EXTERNALLY APPLIED

Gives quick relief; destroys the disease germs and aids the tissue-building processes; increases the appetite; contains no opiate. For sale by all druggists. Price \$1.00.

PULMOLINE CO., Box 635, Knoxville, Tenn.

Until your druggist can supply you, Pulmoline will be sent postpaid upon receipt of regular price. **CORRESPONDENCE SOLICITED.**

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Represents the Highest Development
in Writing Machine Construction...

The Simplest, the Best

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Catalog and Information on Request. Agents Wanted.

S. B. NEWMAN & CO., Knoxville, Tenn.

WHY NOT

Come to the fountain for your stock and eggs? My winnings at four shows, including Atlanta, Ga., 40, and 16 first, more than all of my competitors. Eggs \$3.00 per 15, \$5.00 per 30. Some fine cockerels and good breeding pullets for sale. Address the

PARTRIDGE WYANDOTTE PARK, Lock Box 74, Burlington, N. C.

**FISHEL
STRAIN**
World's Best

WHITE PLYMOUTH ROCKS. Bred in Their Purity

Many youngsters that will be heard from in the coming season shows. Grand flock of breeding Cockerels that will improve your flock. If it be an Exhibition Cockerel, let us put you right at reasonable prices, or write your wants.

Eggs \$3.00 and \$5.00 per 15.

M. W. BUNCH & SONS, Box B, Petros, Tenn.

Tenn. Sect. American White Rock Club, Members East Tenn. and Tenn. State Poultry Assn's.

? Do You Need Any Printing ?

If so, write for samples and prices to
THE INDUSTRIOUS HEN, Knoxville, Tenn.

Unexcelled Silver Wyandottes

Also Irish Terriers from Registered Stock

Stock for sale from the best Southern strain of Silver Wyandottes. Twelve years a breeder, and winning during this time at Madison Square Garden, N. Y., Cleveland, Ohio, Atlanta, Ga., Hagerstown, Md., Asheville, N. C., Charleston, Columbia and Spartanburg, S. C., and at the recent St. Louis, Mo., Poultry Show; hundreds of ribbons, the great majority being the coveted blue. Winning also at the So. Ca. I. S. and West Indian Exposition, Charleston, S. C., the \$50 Silver Cup offered by American Poultry Association for best Cock, Hen, Cockerel and Pullet in American class. Stock for sale at all times. Eggs in season, \$3.00 per 15 Satisfaction or no sale.

THEO. E. F. HOLZHAUSER

R. F. D. No. 2

COLUMBIA, S. C.

EGGS! EGGS! EGGS!

From Wilber's Prize-Winning Single Comb White Leghorns

—THE WORLD'S BEST—

Winners of High Honors for years in the South's Greater Shows, at the recent great Birmingham, Ala., fall show, Charleston, S. C., Atlanta, Ga., and Nashville, Tenn., shows they, as usual, proved their excellence, capturing at Knoxville, Tenn., show three of National White Leghorn clubs 1st ribbons. "None Better."

10—GRAND YARDS NOW MATED—10

Eggs, \$5.00 and \$2.50 per 15; \$9.00 and \$4.00 per 30. Cockerels and pullets at right prices, or write your wants. Satisfaction Guaranteed. Mating Card Free.

WILBER BROS., BOX G, PETROS, TENN.

State Vice President National Single Comb White Leghorn Club



BROWN LEGHORNS

First Cockerel, Second Pen, at the World's Fair, St. Louis, Mo.

Over 200 regular and special prizes at fifteen great shows. Eggs \$2.00, \$3.00 and \$5.00 per 15. Free circulars on Matings and Show Record.

E. E. CARTER, 967 Broadway, Knoxville, Tenn.

FOGG'S S. C. WHITE LEGHORNS

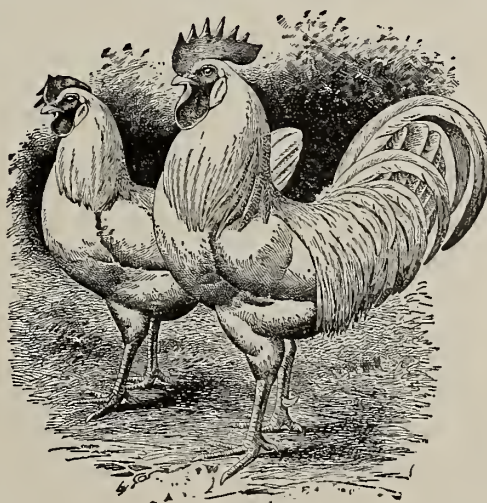
Never Fail to Please

They have been bred for heavy laying and exhibition birds for many years. They are large, vigorous and handsome, good winter layers and keep at it all summer. Have mated several pens of the choicest, high-scoring and heaviest of layers of fancy and fertile eggs, at prices, quality considered, that cannot be duplicated for near twice the money. No better anywhere at any price. Write for circular.

1 setting, 15 eggs, \$1.50	100 eggs, \$ 5.00
2 setting, 30 eggs, 2.50	200 eggs, 9.00
50 eggs, 3.00	500 eggs, 20.00

N. V. FOGG., Mt. Sterling, Ky.

Reference, Mt. Sterling National Bank



Black Minorcas

Northrup Strain, Winners of many prizes. Eggs, \$2.00 for 15; \$3.50 for 30.

White P. Rocks

Pure Fishel Stock; as good as the best. Eggs, \$2.00 for 15; \$3.50 for 30.

Barred P. Rocks

Thompson's "Ringlets." Eggs, \$1.50 for 15; \$2.50 for 30. A few good birds of each

kind for sale. Special bargains in Cockerels if taken at once.

C. H. LEDFERD

81 Whitehall St.

ATLANTA, GA.

The Growing Importance of the Poultry Industry.

Poultry raising is growing in dignity and assuming an importance second to but few of our leading industries. While there are many upon which only pure bred fowls of a standard strain are kept there are very many others where the scrubbiest kind of mongrel fowls still hold undisputed possession of the farmyard. That wellbred fowls are the more profitable upon the farm is no longer a disputed question. No close observer can have failed to note the marked improvement in a mongrel flock if there has been no other change than male birds and substituting pure bred cockerels that are the nearest the type and coloring of the hens and pullets of the farm flock. The addition of but one pound each in the weight of the chicks from such matching or of but an extra dozen eggs from each pullet so raised through the introduction of a well bred male fowl adds dollars to the yearly income.

Farm papers are proving most helpful in disseminating information and farmers' institutes are giving place upon programs to ten minute talks on poultry, thus helping people to help themselves through more correct methods of managing farm fowls and poultry products. The time is past when dairying, fruit culture or good roads are the major subjects of interest at farm institutes. Small investments and quick returns are being sought for. A way to secure daily income, though small, is eagerly accepted. There are hundreds of minor items in detail that make for profit or loss in any business and, perhaps, nowhere are they of so great importance as in the poultry business.

With poultry products exceeding the output of our iron furnaces of twice the value of the wool clip, nearly four times the silver product, and still the price of market fowls nearly double that of any other meat product per pound and eggs at 2 cents apiece, small wonder that our farmer friends are desirous of becoming more familiar with the up to date ways of caring for their long-neglected but best farm friend—the busy hen.

How to breed, how to feed, how to obtain eggs in winter, how to secure fertile eggs for hatching, how to rear chicks, how to market fowls and when. How fowls are scored, how to prepare birds for exhibition, how to enter them. How to operate an incubator, how to care for artificially hatched chicks. All these and many other phases of poultry raising are brought to my attention daily, for poultry culture is becoming not a fad, but the business of the hour.—Exchange.

When beauty interferes with utility in the laying pen it is best to allow beauty to retire.

SUBURBAN POULTRY YARDS

SHELBYVILLE, TENN.

WILL PLEASE YOU IN

EGGS, PRICES AND WAY OF SHIPPING

S. C. Buff Orpingtons, S. C. Buff, Brown and White Leghorns, White Wyandottes and M. B. Turkeys. There are no better birds in the South, either in breeding or individuality, than those in Suburban Poultry Yards. Don't you want some? Am now booking orders for eggs, and they will be filled in the order received.

TURKEY EGGS, \$3.00 FOR 15
CHICKEN EGGS, \$1.00 to \$2.50 FOR 15

Address

MRS. M. C. ANDERSON

SHELBYVILLE, TENN.

NOW CACKLE

The Ballad of the Setting Hen.

(By Kennett Harris.)

It was a stub-tailed Leghorn hen—
A hen at least, with horny legs—
Who did not know her error when
She sat upon some china eggs.

Not china of the Cochin's kind,
But eggs evolved from potter's clay—
The whiteless, yolkless sort designed
To stimulate fool hens to lay.

Those eggs within her nest she found,
And settled on them with a cluck,
A happy, gurgling kind of sound
That said quite plainly, "This is luck."

She hastened to apply no test
For sulphur, lime or albumen.
The eggs were there, it was a nest,
And that was all concerned that hen.

They told her of her sad mistake,
But nothing did she care for that ;
No sort of notice did she take,
But sat, and sat, and sat, and sat.

The orb of day it rose and set,
(It could not well do otherwise),
But that old stubborn hen, you bet
She'd set, but darned if she would rise.

She heard, unmoved, the call to food ;
 She had no appetite for grain ;
 Her fervid fancy raised a brood
 Of fluffy chicks from porcelain.

Sternly determined to succeed,
She sat a month or more, but then,
As you'll infer, she was, indeed,
A very optimistic hen.

So on that nest she kept her place,
 Heroic? That can't be denied.
 But, oh, it was an awful case
 Of prevalence misapplied.

I've known a lot of people who
Decline to hustle out and scratch,
But sit and dream their whole lives
through,
Expecting china eggs to hatch.

Father—Now, see here! If you marry that young pauper, how on earth are you going to live?

Sweet Girl—Oh, we have figured that all out. You remember that old hen my aunt gave me?

"Yes."

“Well I have been reading a poultry circular, and I find that a good hen will raise twenty chickens in a season. Well, the next season that will be twenty-one hens; and as each will raise twenty more chickens, that will be 420. The next year the number will be 8,400, the following year 168,000, and the next 3,360,000! Just think! At only fifty cents apiece we will have \$1,680,000. Then, you dear old papa, we’ll lend you some money to pay off the mortgage on this house.”

* * *

"See here, Landlord, must I sit here forever before I get the half chicken that I have ordered?"

"Oh, no, Sir! I'm only waiting till somebody comes and orders the other half. Of course, I can't kill half a chicken."

Barred Rocks at a Bargain

100 PULLETS AND HENS, 50 COCKERELS, AT \$1.00 TO \$5.00 EACH

All from my prize-winning strain, so well known throughout the South. Showed only Cockerels and Pullets at Raleigh State Fair in October, and won 1st, 2nd and 3rd Pullet, 2nd and 3rd Cockerel.

ORDER QUICK AND GET BEST SELECTION

A. E. TATE, = High Point, N. C.

DINWIDDIE'S PRACTICAL STRAIN

Barred Rocks and S. C. White Leghorns

If you are interested in eggs from birds bred for practical purposes as well as for standard points, write me for prices and further information.

J. A. DINWIDDIE, New Market, Tenn.

Stansbury's White Leghorns

have proven to be best in South by winning 9 1st prizes and 6 2d prizes in three of largest Southern shows in 1905. What better proof do you ask? I am now booking orders for eggs at \$1.50 per 15, \$7.50 per 100, from these winners.

S. S. STANSBURY, Richmond, Va.

Walker's Barred Rocks and White Wyandottes

ARE BRED TO WIN AND DO IT

We won in Madisonville show on B. P. Rock 2nd Cockerel, 2nd Pullet, 2nd Pen and Special, and 1st Cockerel, 2nd Pullet, 1st Pen on White Wyandottes. In the great Knoxville show we won 1st Cockerel, 2nd Pullet, 3rd Pen and Special on White Wyandottes. Have Brown Leghorns that will win. Eggs from prize-winners \$2.00 per 15. Write us your wants. Satisfaction guaranteed.

WALKER BROS., R. F. D. No. 1, Madisonville, Tenn.

THE BUSINESS MAGAZINE

Covers the Whole Field of Business

DEPARTMENTS:—“Survey of the Business World,” “The World’s Commerce,” “Advertising,” “The Store,” “Editorial.”

Ideas and suggestions in each number that are worth the subscription price for a year. The best advertising medium in the South for all who wish to reach merchants and manufacturers.

SPECIAL OFFER—The subscription price of the *Business Magazine* is One Dollar a year. We will send the *Business Magazine* for six months, as a trial subscription, for 25 cents. Address

THE BUSINESS MAGAZINE CO., Knoxville, Tenn.

Thomm's
PARTRIDGE WYANDOTTES
Standard Bred

EGGS FOR HATCHING

BREEDING PEN No. 1 contains 5 beautifully penciled hens with winter record of 110 EGGS in one month. All sired by
FIRST COCK CHICAGO SHOW, 1904
Eggs from this prize-winning pen, \$3.00 per 15.

H. C. THOMM, 2372 Fulton St., Toledo, Ohio



THE ONLY NEW THING IN INCUBATION

A limited edition of a new book on scientific incubation is now ready for distribution. A copy will be sent you on request, accompanied by your business card. This book explains the theory and construction of the only incubator ever made capable of producing a continuous hatch. Mention THE INDUSTRIOUS HEN.

HACKER INCUBATOR AND MFG. CO.,
3104-12 N. Jefferson Ave. St. Louis, Mo.

Agents wanted.

SOUTHERN AGENCY
Model Incubators
AND POULTRY SUPPLIES

Prepared Chick Feed, . 50 pounds, \$1.50 . 100 pounds, \$2.50
Hen Feed, Mixed, . 50 pounds, \$1.25 . 100 pounds, \$2.25
Thermometers { Incubator, 55c, postpaid
Brooder, 40c, postpaid
Punch for Marking Young Chicks, 25c
Leg Bands, 20c doz., postpaid. Lice Powder, 15c, postpaid, etc.

F. J. MARSHALL, Atlanta, Ga.



Marlin
REPEATING SHOT GUN
NEW MODEL NO 17

Here is the cheapest good gun yet made. By the omission of the take down feature we have been able to greatly reduce the cost of production and at the same time have kept the gun up to the famous high *Marlin* standard of strength, safety and durability. Notice the clean simplicity of this gun. The workmanship and finish are perfect. The weight is only 7 pounds. The full choke barrels are especially bored for smokeless as well as black powder and so chambered that 2 3/4 inch or 2 5/8 inch shells may be used. Several improvements in the operating parts make it the easiest, most reliable and best working gun in existence. We are glad to make it possible for every lover of guns and bird shooting to get this high grade repeating shot gun at so low a price.

Have your dealer order it for you.

Send for the *Marlin* Catalogue and Experience Book to-day. Free for 3 stamps.

The Marlin Firearms Co., 42 Willow Street, New Haven, Ct.

Judge Fowler—Speak up, now: How did you come by those chickens?

Rastus Henshaw — Dat's jes' de trouble; couldn't get by dem no how.

* * *

Chick—"Mamma, you got me like George Washington got the cherry tree, didn't you?"

Biddy—"How?"

Chick—"With your little hatch it."

Then there was a strange face in the chick heaven.

* * *

They're telling of a Jackson County farmer who found an auto horn in the road one day and took it home and taught the chickens to recognize its honk as their feed call. Instead of calling them in the old-fashioned way the farmer or his wife would blow the auto horn. One day an automobilist passed the farm, going about fifteen miles an hour, and tooting his horn. The chickens near the house took out after the auto, and fourteen hens and three roosters ran themselves to death behind the machine.

* * *

At a country fete a conjuror was performing the old trick of producing eggs from a hat, when he remarked to a little boy: "Your mother can't get eggs without hens, can she?"

"Of course she can!" replied the boy.

"Why, how is that?" asked the conjuror.

"She keeps ducks," replied the boy, amidst roars of laughter.

The prerequisites of success—hard work, keen intelligence and unflinching will.



MAGIC POULTRY FOOD
MAKE HENS LAY

ACTS LIKE MAGIC

WRITE

MAGIC FOOD CO.
CHATTANOOGA, TENN.

2 lb. boxes 25c. 10 lb. bags 75c
SOLD EVERYWHERE

New Train Service.

In connection with the fast train service of the Queen & Crescent Route via Shreveport, the Missouri, Kansas & Texas Ry. Co. has put on an additional train scheduled to leave Shreveport at 1:00 p. m. and arrive at Dallas, Texas, at 9:55 p. m. This new train service has been instituted especially to take care of the through passengers from Shreveport and points east thereof and will wait at Shreveport for arrival of Queen & Crescent Route fast train ensuring connections. The M. K. & T. Railway also has a train leaving Shreveport at 11:50 p. m. connecting with the day train of the Queen & Crescent Route which carries a through Pullman sleeper to San Antonio, Texas, via Dallas, Waco, and Smithville and arriving in San Antonio at 9:05 p. m. Corresponding service is operated in the opposite direction. By means of this new double daily service of the M. K. & T. Ry., the Queen & Crescent Route is able to offer its patrons additional facilities which will be of the greatest advantage.

All Tell a Similar Story.

One can not run through the letter files of W. F. Chamberlain, from a date soon after he first placed his "Perfect Chick Feed" on sale, until now, without disclosing many complimentary expressions, and highly favorable commendations and endorsements from breeders of poultry. And, very soon, these pleasant letters began coming from all over the country, as the fame of his "Perfect Feeds" extended, while best of all, this testimony continues up to date. The following letter from a widely known breeder of Buff Plymouth Rocks is a fair sample.

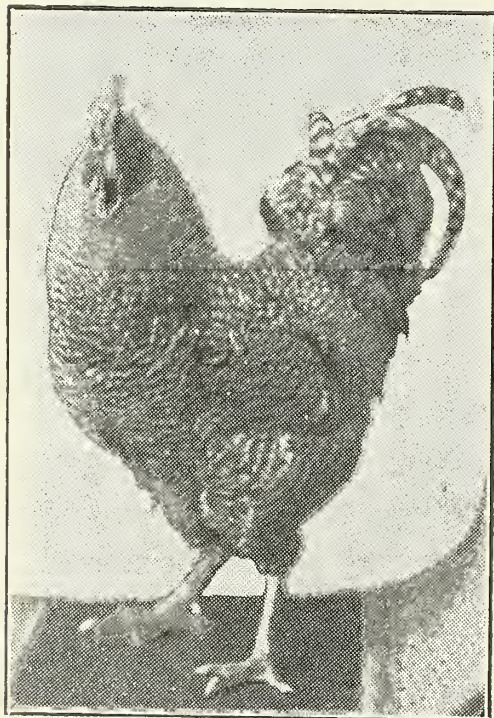
W. F. Chamberlain, St. Louis, Mo.:

Dear Sir:—I am happy to state that the first and second cockerels at Illinois State show at Bloomington, last year, were both raised on Chamberlain's Perfect Chick Feed; and that all my prize winners of the past winter were hatched in a Model Incubator, reared in a Model Brooder, and fed on your "Perfect Chick Feed."

Yours truly,

CHAS. E. BARNES.

Taylorville, Ill., Dec. 30, 1905.



"King," a Noted Breeder.
Owned by C. P. Hale, Sweetwater, Tenn.



WE WIN!

at the late Madison Square Garden Show, New York, in the S. C. Buff, Black and White Orpington classes as follows: 7 firsts, 9 seconds, 7 thirds, 4 fourths and 4 fifths, and these in the strongest classes of Orpingtons ever put together, there being 370 birds competing. We also won the most prizes of any breeder in these same classes. We have the stock and established winning breeding lines, but buying high grade stock and eggs cannot safely be done upon the strength of the mere argument a breeder has room to advance in his advertisements. Now we want you to send for our catalogue, testimonial book and a very elaborate mating list, describing over forty different breeding yards and prices of eggs from same. Do not be fooled or misled by misadvertising, but come to the fountain head to get your start.

WILLOW BROOK FARM
W. L. Davis, Prop. Box 75, BERLIN, CONN.

D. R. MAYO

625 GAY STREET, KNOXVILLE, TENN.

Poultry Supplies, Field and Garden Seeds

DARLING'S FEEDS. BEEF MEAL, BONE MEAL, SHELL AND GRIT.

A full line Prairie State Incubators and Brooders. Write me your needs



NOLL'S WHITE PLYMOUTH ROCKS BRED TO LAY BRED TO WIN

Have again proven their superior qualities at the big Missouri State Show, Dec. 12 to 16, 1905. In hot competition, 107 in class, I won 1st and 4th Pen, 1st, 3rd and 4th Pullet, 1st Cockerel, 2nd Cock and 3rd Hen; also Club Special for best Pen, Pullet and Cockerel. If you want the up-to-date kind, write me. Fine breeding or show birds in pairs, trios or pens, properly mated, at prices you can pay. Eggs from my Exhibition Matings will bring you winners. \$2.50 for 15, \$7.00 for 50, or \$12.50 for 100. Columbian Wyandottes—My stock of this variety is strictly first-class. 1st Ckl, 1st, 2nd, 3rd and 4th Pullet, at Mo. State Show, Dec., 1905. Eggs \$5 per 15. HENRY C. NOLL, Box A, Dalton, Mo.

THE MOST REMARKABLE CLUBBING OFFER YOU EVER SAW

The Industrious Hen A handsomely printed monthly poultry paper, printed in the heart of the South. Fine pictures, show news and practical advice. Monthly **50c**

Weekly Nashville American Brings the latest news from all parts of the world to your home every week. Chuck full of information, entertainment and special features. Monthly **50c**

Southern Agriculturist It comes twice a month and everything in it is written for Southern farmers by men who know Southern conditions. Already has 50,000 readers. Monthly **50c**

Southern Fruit Grower Devoted to the development of fruit growing and gardening in the South. Full of useful information on these subjects for every farmer. Monthly **50c**

Total Regular Price \$2.00

We Will Send You All Four of These Papers a Full Year for Only 75 Cts.

Address All Orders to

THE INDUSTRIOUS HEN CO., Knoxville, Tenn.

FOR LAYING SIZE AND QUALITY

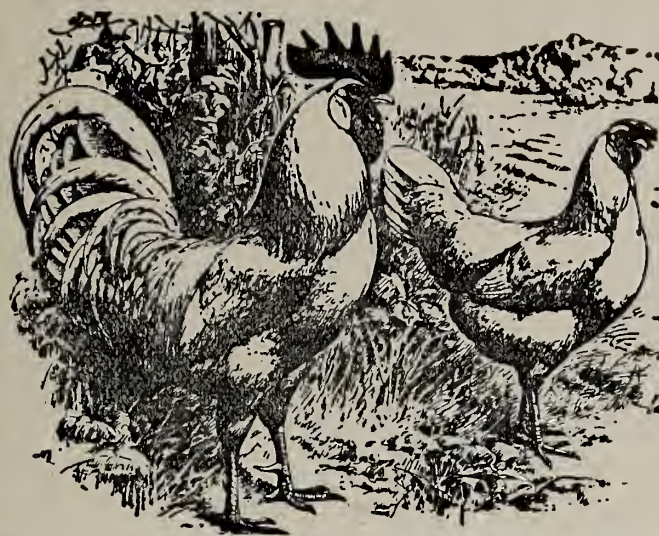
My S. C. B. Orpingtons, S. C. B., W. and Buff Leghorns, W. Wyandottes and M. B. Turkeys are hard to equal. Eggs from \$1.00 to \$2.50 per 15. Turkey Eggs, \$3.00 per 15.

MRS. M. C. ANDERSON, Shelbyville, Tenn.

B. P. ROCKS

Bred for Business and for Beauty. Fit for any company. Stock and Eggs.

S. T. JOHNSON, Greenfield, Tenn.



R. C. Brown and S. C. White
LECHORNS
..AND..
S. C. Black Minorcas

FINE PENS TO SELL

I breed to lay, winners in the best shows. Cockerels from hens that layed 253 eggs in 1904. These birds will improve your strain in laying, as they are bred for this purpose. Write me.

FRED AXLEY
SWEETWATER, TENN.
Route No. 5

Victory over All

On our White and Buff Wyandottes at Bristol, Tenn., Feb. 1, 2 and 3. My first prize white pullet score, 96½ 3-95½, pen 188½, won everything in Buffs at Knoxville and nearly everything at Bristol. If you want prize winners get your eggs from

M. D. ANDES, Bristol, Tenn.

The Farmer is King.

The wealth of the American farmer is the wonder of the world.

With the magic of a Midas he has turned all his fields to gold. The wealth production on farms in 1905 has reached the highest amount ever attained by the farmer of this or any other country.

The total figures—\$6,415,000,000—are almost beyond comprehension. It may help in realizing the enormity of this amount to know that if the farmer keeps up this rate of production three years more he will have produced an amount of wealth within 10 years equal to one-half of the entire national wealth produced in three centuries.

It may help still further to know that the agricultural exports—the surplus left over after all home wants were supplied—have amounted in 16 years to a round billion dollars more than the value of all the railroads in the country.

Yes, the farmer has been doing things on a scale so big that ordinary comprehension can hardly rise to it.

And the things he sells, at prices which make fiction tales of wealth look shrunken and mean, by no means represent the total of his riches. He still owns the cow that this year has yielded him \$665,000,000. He keeps the hens that pay him \$500,000,000 a year. A single year's increase in the value of his farms equals the entire national debt.

He has money in the bank—big wads of it. Indeed he owns banks that are numbered by the hundreds. The 1,854 country banks organized in the last five years are almost wholly owned by the farmer.

The farmer is king of the land. The cornstalk is a humble scepter, but it yields 2,700,000,000 bushels, and that is more than any other king's scepter, though of gold and jewels ever did for him in all the history of the world.

The farmer has \$605,000,000 worth of hay in the market and has raised the most valuable wheat crop ever produced in any year in any land.—*Exchange*.

Turning Rats Into Stone.

A few days since a lady asked the editor of the Southern Agriculturist how to destroy rats that were cutting through her safes and carrying away bread and other edibles. We told her of several ways, but the only process of killing without using poisons was as follows: Put a tablespoonful of meal and mix with it about the same quantity of sugar and place the mixture where the rats can have free access to it. Bait them thus about three nights, and the fourth night mix as much plaster of paris or cement as the meal and sugar combined. The rats will fill up with meal, sugar and cement, and the moistening of the cement with the saliva causes the cement to harden the bowls which will be unable to pass it off, filling the bows with a stone as hard as the artificial stone pavements of Nashville. There is no risk, no poison, in this process of killing rats. Some rats may die under the house, in the homes in the garret, and be offensive; but some vessel should be filled with water where they can have free access, as the clogging of their stomachs will create thirst.

Provide every comfort for your hens if you would have them healthy and profitable.

WHAT YOU RAISE,

not the chicks you can hatch, marks your success. It's altogether a matter of feeding. We've worked out the solution in a baby feed for baby chicks.

DARLING'S CHICK FEED

is adapted to new, weak stomachs. It avoids little chick "ailments." It makes rapid growth, better chicks, more of them. Every sack used returns its cost many times over. The following Darling Specials in 100 pound bags, f. o. b. Chicago or New York, cash with order.

Chick Feed.....\$2.50	Forcing Food.....\$2.00
Laying Food.....\$2.00	Oyster Shells......60
Scratching Food.\$2.00	Mica Crystal Grit... .65

It pays to feed for a purpose. Address our nearest office.

Darling & COMPANY,

Box 41, Union Stock Yards, Chicago,
Box 41, Long Island City, New York.

Send for our fine, large Food and Supply Catalogue and our "Fill the Egg Basket." FREE.

100 Lbs
DARLING'S CHICK FEED FOR POULTRY
MANUFACTURED ONLY BY
DARLING & COMPANY
UNION STOCK YARDS
CHICAGO, ILL.

100 Lbs
DARLING'S BEEF MEAL FOR POULTRY
MANUFACTURED ONLY BY
DARLING & COMPANY
UNION STOCK YARDS
CHICAGO, ILL.

100 Lbs
DARLING'S LAYING FOOD FOR POULTRY
MANUFACTURED ONLY BY
DARLING & COMPANY
UNION STOCK YARDS
CHICAGO, ILL.

100 Lbs
DARLING'S BEEF SCRAPS FOR POULTRY
MANUFACTURED ONLY BY
DARLING & COMPANY
UNION STOCK YARDS
CHICAGO, ILL.

About a Certain Turkey Speculation—What Came of It!

It is often a hard question to decide what a student who has little means, can do, when the issue of a long summer vacation is up for a decision. This hardly applies, as a practical matter, to the lucky fellow who has a good home or a long purse, but there are many who have not such conditions to be happy over. And, be it said, from this element will more likely come the best results of sincere work to get an education. The hop fields of New York, the great grain farms of Kansas, the cranberry regions of Cape Cod and the New Jersey seashore regions, have helped with remunerative answers, though it must be recognized that the Hobo elements of recent seasons, have not ministered very pleasantly to enjoyment very often of late.

Among the candidates for renewed vigor and honest support in summer duties, now and then one finds even a theological student. Of the experiences of a fine fellow whom X knew in a Southern state this little article tells, to please THE INDUSTRIOUS HEN.

The time referred to was the second summer of the course of a very worthy young man, whose mother was a genuinely encouraging helper, even if the little home was of the simplest kind of a cabin. If her boy could only be prepared to preach the gospel, all the hardships of a little cotton plantation, with slight help, would be only as grateful sacrifice for a good cause.

The first summer was passed by the student toteing books all over the district, with little profit—excellent as the works were, besides increasing the muscles of a stout pair of arms, with many wise lessons of human nature. But colportage did not attract for a second experience, and so it was an open issue. At last a novel matter was presented. Go into a Turkey Speculation! Buy up a big lot of likely young birds, and take the summer for driving them to a distant market. This process would give the speculator a good chance for plenty of fresh air and exercise, while his stock would have a fine chance for fattening on the mast and other products along the country side.

It was a bargain. Young Turkeys were suddenly in demand. It was not a trifle to get two or three hundred desirable birds together, and the flock was not tractable, as travelers, for some time. They needed training.

One can fancy the young student going at the rate, at times, of a mile or two per day, towards the Gulf. But even the longest roads have a terminus, and little by little long miles were left behind as this novel experiment was being carried towards its end. The piney woods were pleasant, when not too hot, and the mast became richer as the season moved onward towards the time for work to begin at college again. It was a long trip, however, some eighty miles in all, and sleeping at night was not always undisturbed if varmints were to be watched!

It was a happy day when the signs of a big city's nearness were seen. The stock in trade was in fair condition. It was hardly to be thought probable that any other speculator had had so happy a conception of how to bridge the summer so successfully, with certain assured prospects of new books, fresh clothing, ruddy health, and an agreeable thought

Now is the time to place your orders for Eggs

You cannot get them from a higher class stock than you will find at.....

BELLE MEADE POULTRY FARM

Over 100 regular prizes and fine specials at two leading shows on our Barred, White and Buff Plymouth Rocks, White and Buff Wyandottes, Buff and Brown Leghorns, Buff Cochins, Buff Orpingtons, R. I. Reds, Buff Cochin and Golden Sebright Bantams and Pekin Ducks. A few cockerels at a bargain. Circular tells all.

BELLE MEADE POULTRY FARM,
ROUTE No. 2, BIRMINGHAM, ALA.

BRED FOR UTILITY
BRED TO LAY

RED, WHITE AND BLUE

BRED FOR FANCY
BRED TO WIN

At Sandy Creek, Phoenix and New York State Fair, the hottest shows in New York State in 1904-05, I won 76 prizes and special on my Blue Barred Rocks. Brahmas, Rocks, Reds, Leghorns, Minorcas, Wyandottes, Bantam, Eggs \$1.00 and \$1.50 per 15. Hatch guaranteed. Rouen Duck Eggs \$1.25 per 11; Toulouse Geese Eggs 40c. each. Catalogue free.

Dear Sir:—Out of the 26 eggs I purchased of you I got 26 chicks, 11 of them were pullets, and yesterday I got 11 eggs, and get from 6 to 10 eggs every day. Yours truly, THOS. WILDER.

MAPLELING POULTRY YARDS, H. DAILY, Propr.

Box S.

PULASKI, OSWEGO CO. NEW YORK.

BUFF ROCKS

that are clear buff—that have the Rock shape—that are good show birds and breeders—that have no equal as table fowls and winter layers—and are being sold at reasonable figures, quality considered. Nothing better.

Eggs from nearly solid buff birds, . . . \$3.00 per 15

Eggs from practically clear buff birds, . . . \$4.00 per 15

B. E. JOHNSON, - Kirkwood, Mo.

Single Comb Rhode Island Reds

Best pedigreed line bred stock. Winners this season at Birmingham, Montgomery, Mobile, Houston, Tex., Atlanta, Ga., Aberdeen, Miss., and Nashville, Tenn. Cockerels from \$3 to \$10; no pullets. Eggs, \$3 for 15. A setting will produce you winners. Order now.

L. K. TERRELL, 304 Tuscaloosa Ave., BIRMINGHAM, ALA.

Barred Plymouth Rocks

Won at Knoxville Show

1st Cock	2nd Hen	2nd Pullet	3rd Cockerel
1st Hen	2nd Cock	2nd Pen	4th Pullet

Yard headed by 1st Cock, Brother to 1st Cockerel, Providence, R. I., 1904; 2nd, Boston, Mass., 1904-5

Cockerels for Sale.

Eggs \$2.00 per 13.

MRS. W. R. MADDEN, South Knoxville, Tenn.

of taking something home from Mobile, to make the dear old mother glad for a whole year that her dutiful son had been so successful!

Oh, well—the story must be faithfully told, and never a bit of unkind criticism for the brave young fellow. He had plenty of time to recall his disappointment as he and faithful March, his mother's negro boy, trudged homeward.

There was no need for establishing a special deposit for the profits. It was not suggestive of future "Turkey Trots!"

Finale! The financial conditions gave a deficit of a trifle over seven dollars! One can imagine the feelings of the author of our oft-mauled-poem on the boy who stood on the burning deck, as he asked, "The Boy, oh where was he!" with no satisfactory reply!

But there was a something about this experience that differed. Mum was the word, until March let the secret out of the bag. And then—mean as it was to do so, there would be now and then a bit of waggery in a hint about a certain Turkey Speculation!

The best of all this little true sketch was brought out, as a happy bit of Optimism came to the surface. When our young friend, who was known long after as a minister of the gospel in a neighboring Southern state, would reply: "O see here! you fellows don't remember that for two months I was traveling, and that while you were hanging around the sweet potato patch, and worrying over cotton picking, *I was having the use of all those birds for almost nothing!*"

Indian Runner Ducks.

Indian Runner ducks bid fair to become one of the most popular additions to the poultry yard yet found. They are also smaller boned, mature very quickly and consume less feed. Being such prolific layers they have been aptly called the Leghorn of the duck family, and are practically non-setters. The eggs are twice the size of a Plymouth Rock egg, pearly white, and delicate in flavor, and in the eastern cities are quoted twice as high in the spring as hens' eggs and slightly in advance all summer. Ducks that were hatched in April began to lay in October, and by the first of February were laying regularly and continued to lay until they began to moult in September.

An eastern breeder writes that she had some hatched in August that were not yet grown when winter set in. They were given the same treatment as the chickens and began laying in February; an egg every three or four days at first; then oftener until by April they were laying regularly.

In appearance they are very attractive, being slim, alert and racy, standing very erect and are exceedingly active. They are ready for market at eight to twelve weeks old and are in great demand at hotels and restaurants, for their gamy flavor.

The breeder of them has no roup, scaly-legs, or frozen combs to contend with, no roosts to kerosene, no lice, no dust-baths to furnish, or fences to build, as they are easily confined and can be raised without water, except for drinking purposes.—*Annie Hoffarth.*

The Hessian fly cost wheat growers about \$40,000,000 in 1904. Rather an expensive little insect!

WHERE POULTRY PAYS

Poultry pays best where the Local Markets are the best.

The great factory towns along the

SOUTHERN RAILWAY

need an increased poultry supply.

Investigate openings for the poultry business in the sections reached by the Southern.

For information apply

GUY L. STEWART,
Agent, Equitable Bldg.,
ATLANTA, GA.

W. L. HENDERSON,
Agent, 23 South Royal St.,
MOBILE, ALABAMA.

M. V. RICHARDS,
Land and Industrial Agt.,
WASHINGTON, D. C.

B. J. HILLIDGE,
122 West Eighth St.,
CHATTANOOGA, TENN.

FIRST COCK KNOXVILLE



SECOND COCK ATLANTA

IF BLUE RIBBON QUALITY IS WHAT YOU ARE AFTER

HARDIN'S S. C. WHITE LEGHORNS, WHITE WYANDOTTES AND S. C. BLACK MINORCAS'

will please you to a high degree. Unquestionably the greatest combination laying and exhibition strains in existence. First Prize Winners at recent Atlanta and Knoxville shows.

200 CHOICE LEGHORN COCKERELS AND PULLETS for sale at very attractive prices to quick buyers.

EGGS FOR HATCHING from prize matings; Leghorns \$2.00 per 15. Wyandottes and Minorcas \$3.00

Catalog for the asking, address

VALLE CRUCIS FARM

W. H. HARDIN, SUPT. VALLE CRUCIS, N. C.
STATE V. P. NAT. S. C. WHITE LEGHORN & WHITE WYANDOTTE CLUBS

Single Comb Buff Orpingtons

MRS. J. A. MARTIN, Johnson City, Tenn.,

Breeds the Winners in S. C. Buff Orpingtons

1st and 3rd Cockerel, 1st and 4th Cock, 1st, 2nd and 3rd Hen, 2nd, 3rd and 4th Pullet, 1st, 2nd, 3rd and 4th Pen, at Knoxville, Tenn., show, January, 1906.

Eggs and Stock at Any Time.

WHITE WYANDOTTES

LINE BRED FOR TEN YEARS

Write for our booklet and prices if you want eggs to produce blue ribbon winners.

At Charlotte Show, 1906, our birds won 18 out of 22 ribbons, including all firsts.

Our booklet will tell you all about our birds and what they have done in the shows.

CHARLOTTE POULTRY FARM

F. M. SHANNONHOUSE, Prop.

R. F. D. 4, Charlotte, N. C.

Mr. Jeffrey's Advice to a Beginner.

Dear Sir: Yours of the 10th to hand and I note what you say regarding going into the poultry business and your request for advice. You do not give me any information as the experience that you have had with poultry, or to what extent you are going into it now. If this is your first venture in this line, my advice is go slowly and get your experience as cheaply as possible.

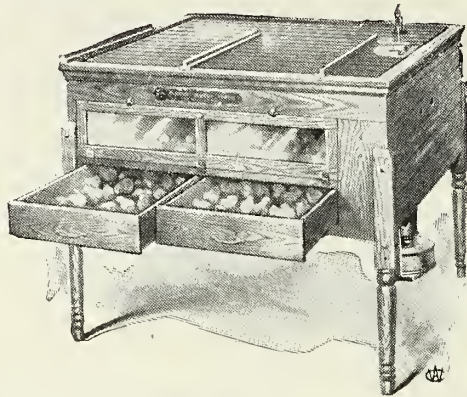
There are very few people who can not keep a few hens and get fairly satisfactory returns from them, but there are still fewer that can go into poultry raising on an extensive scale without experience and be successful at it. Knowledge of the business is just as necessary for success in poultry raising as in any other business. I have never forgotten how an old poultryman brought that point out at a Farmers' Institute meeting that I attended some time ago. A man in the audience, who by the way was not a farmer, asked the speaker how many hens he must keep to make a living for himself and family, as he was thinking of giving up office work and going into poultry keeping. On being asked, he said that he had not had any experience with poultry, and the poultryman then asked if he had had any experience in the drug business, and upon receiving a negative reply, said I would advise you to go into the drug business, as I think that your chances of success will be greater than in the poultry business. Now this may seem like a very exaggerated comparison, but it serves to bring out the point that I wish to impress on you, and I make it stronger because it is a very generally prevailing opinion among persons who have had no experience with poultry that they can jump right into the work and at once be successful at it while their chances of success are in fact smaller than they would be in a majority of commercial undertakings gone into with the same knowledge.

Now, don't think that I am trying to discourage you from raising poultry, as that is far from my idea, but I would rather that you never started in the business than that you should start and make a miserable failure of it.

Now regarding your inquiry, "Can I get eggs in an incubator by December 15th and successfully raise the chicks?" This will depend a great deal on how you are fixed to take care of the chicks. They can and are raised at that time every year, but you must be prepared to look after them carefully for some time and must have some protection for your brooder, as there are very few brooders that will successfully raise a large percentage of the chicks if exposed to all the weather that we get in winter. The sudden changes that we get in temperature making some protection and constant watching necessary. If you are not in shape to give this protection and attention, I would advise that you do not have the chicks hatch before about the 1st of March, as by that time the worst of the winter is past and you can be fairly sure of getting a good many fine warm days when the chicks can get out and enjoy the fresh air, sunshine and new grass.

Do not put too many chicks in a brooder. Most brooder manufacturers make the mistake of rating their brooder too high in order to make them seem cheap-

Prairie State Combination Hen Egg and Duck Egg Incubator



This machine is constructed with an extra deep egg chamber, and nursery drawers, adapting it especially to the requirements of duck raisers. It may, however, be used equally as well for hatching broilers and soft roasters during the season.

The cooling slides on top of the machine make cooling tables unnecessary. The machines are made Rights and Lefts, and may therefore be put in solid blocks of four, reducing the room required for operating to the minimum—a very economical and convenient arrangement in the way of saving space and for those who are engaged in shipping newly hatched chicks to their customers.

And this, by the way, is a growing and very profitable industry which is fast taking the place, among many producers and fanciers, of selling eggs by the setting. The little chicks are placed in light wooden boxes, in cells which are bored full of holes for ventilation. The top is covered with burlap, and the chicks are covered over with soft, downy feathers—a waste product in many establishments. Thus packed they will ship safely almost any distance. This plan is better for the producer, and better for the buyer, in many instances, than buying eggs for incubation, and Prairie State machines enable you to hatch chicks that will bring much better prices than to sell the eggs.

Mr. Hallock, one of the largest, if not the largest, duck grower in the United States, has been a user of Prairie State Incubators for a great many years. You can imagine the extent of his operations when we tell you that he used between sixty and seventy carloads of grain in feeding his stock last season. His letter below shows the durability of the Prairie State Incubators. After eighteen years of use, he asserts they are still doing good work. He has never found an incubator that will surpass the Prairie State for hatching ducks:

ATLANTIC FARM
Speonk, L. I.

BROOKSIDE FARM
Center Moriches, L. I.

A. J. HALLOCK, PROP.

Speonk, Long Island, Jan. 8, 1906.
Prairie State Incubator Co., Homer City, Pa.

Dear Sirs:—Your new model machine was received a few days ago; will fill it with eggs next week and hope to find it an improvement over the old model and hatch every egg. When I wish it may be better than the other I do not mean to infer that the old model is not good, because I know that the old machine is hard to beat.

I used my first Prairie State in 1888, and have used them continuously since that date. Last year I used one hundred and thirty Prairie States. Have never had a fire and do not recollect of having any machine smoke seriously.

The machines that were purchased 18 years ago are doing as good work now as they did then, and to all appearances are good for many years more.

Last season there were a number of hatches that averaged two hundred and forty ducklings to the machine. I usually have from five to ten machines hatch at a time.

Yours truly,

J. H. Hallock

What the Prairie State has done for Mr. Hallock it will do for you. Write for catalogue of the new Improved Standard Prairie State Incubator and learn about the improvements that make it a better machine than ever.

How to Make Your Own Brooder A Piano Box Will Do

The Universal Hover may be attached to any size or form of Colony house, mushroom house, small portable building, or a piano box, and make almost as good a brooder as money can buy.

Piano box brooders with Universal Hovers inside, are being used at the Connecticut Agricultural College Experiment Station at Storrs, Conn. Prof. Graham's testimonial tells with what results:

THE CONNECTICUT AGRICULTURAL COLLEGE
CHARLES K. GRAHAM

Instructor in Poultry Industry and
Poultry Manager

Storrs, Conn., Dec. 11, 1905.

Prairie State Incubator Co., Homer City, Pa.
Gentlemen:—I am well pleased with your Universal Hovers. They are giving excellent results, and, I think, come a little nearer perfection than any other brooder I have seen.

Yours very truly,

C. K. Graham

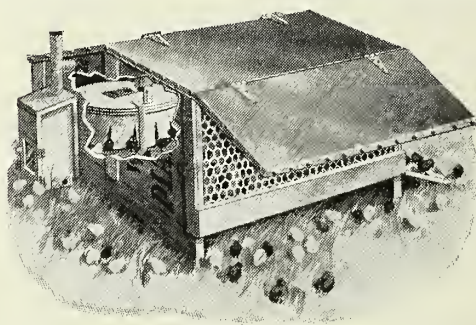
The use of the Universal Hover is almost boundless. During the summer season four or five broods may be successfully started in a piano box or Colony house, the same heating device being transferred from one to the other. During the winter it may be used in the winter brooder and make one of the finest individual brooders for the purpose that has yet been offered the poultryman. Our new Brooder Book, free, tells how to use the Universal Hover half a dozen ways to save you money and raise better chicks.

We have recently published six valuable books on how to increase poultry production. Every poultry raiser should have one or all of these books—they are free if you will write—and we will put your name on our mail list so that you will get others, now in course of preparation, also free, as fast as published. Write today.

Prairie State Incubator Co.,

512 Main St.

Homer City, Pa



HENRY'S BROWN LEGHORN PLANT

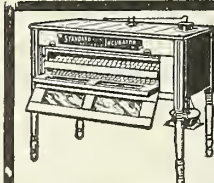
Guntersville, Alabama.

P. O. Box 207

Purer blood never stood on the straw,
And better layers you never saw.

No mistake about it. You can't do better than to give us an order for Eggs. Our pens will be mated January 1st, 1906, consisting of sixty breeders.

PRICE OF EGGS: From Business pens, 15 for \$1.00. From Exhibition pens (double mating system), 15 for \$2.00. Birds for sale.



THE 1906 RELIABLE

In all the wide field of incubator making, you'll find no better hatcher than this year's Reliable Incubator. Scientifically made, simple in operation, perfectly even temperature, no draughts, no hot spots; USES ONE-THIRD LESS OIL, has double heating system and AUTOMATIC regulation, and is sold on an absolute MONEY-BACK GUARANTEE. No other incubator offered on such liberal terms. W. H. McClanahan, Columbus, Miss., says, "The machine bought from you gave perfect satisfaction."—Free catalog explains all. Eggs for hatching shipped anywhere.

RELIABLE INCUBATOR & BROODER CO., Box A-401, Quincy, Ill., U. S. A.

**SOLD
ON AN
ABSOLUTE
MONEY BACK
GUARANTEE**

SUCCESS WITH POULTRY

There is no success with Poultry unless your Foundation Stock is the Best.

THE PALACE POULTRY YARDS

J. T. SNELSON, Proprietor.

Breeders of High Class Black Minorcas, White Minorcas, Buff Rocks, White Rocks, Barred Rocks, Buff Leghorns, White Wyandottes.

BIRDS FOR SALE EGGS IN SEASON

We have a fine lot of Homer Pigeons for Squab Raising. Prices on Application.

Ours is the largest and most extensive Poultry Plant in South Carolina. It will pay you to visit our place.

Congress and Sumter Sts., CHARLESTON, S. C.

FOR SALE

3 BERKSHIRE BOAR PIGS

Tracing back to Gold Standard and out of good sows

POULTRY

Stock and Eggs for sale

White Rocks, Barred Rocks and White Wyandottes

UNIVERSITY FARM, KNOXVILLE, TENN.

\$7.50—EVERYBODY'S INCUBATOR



Will do the same work as the \$17.00 incubator, hatch as many fertile eggs and as strong chicks in the same time with the same amount of work. Why pay \$17.00? **Everybody's Incubator** has double packed walls with four dead air spaces, double glass door, automatic regulator, needs no moisture, new style nursery tray and sanitary removable bottom, full height legs and holds 120 eggs. Has the same kind of a guarantee that goes with the high priced incubators. Some manufacturers put \$10 worth of high priced varnish and shiney brass on their incubators and but \$7.00 worth of hatchability. Shiney flummery don't cut any figure on the fertile egg, it's the hatchability that does the work. **Everybody's Incubator** is most all hatchability. It is warranted to give perfect satisfaction or money back. It's the business hatcher for the business poultry raiser. Send for free circular telling all about this great hatcher.

GOUVERNEUR INCUBATOR CO., 219 Main St., Gouverneur, N. Y.

Sunny South Chick Food

A PERFECTLY BALANCED FOOD FOR YOUNG CHICKS

Sunny South Chick Food

Is composed of many kinds of choice grains and seeds, granulated to just the right degree to suit the needs of the growing chick. This makes a perfectly balanced ration for healthy and rapid chick development, as well as best digestive results; and if used according to directions you will never lose a chick from improper feeding.

HOW TO FEED

Little chicks like little children are always hungry, and should be fed lightly about four and five times a day for the first week, and thereafter three times a day as much as they will clean up. To secure exercise, which is so much needed, we scatter **SUNNY SOUTH CHICK FOOD** in chaff or cut hay from the very first, so as to keep them working all day. As the chick grows older and gains in strength it requires more food, but being compelled to work, it will only secure food in proportion to its activity and with which its digestive powers will keep pace. Thus, a strong and vigorous chick is started out in life, which is so necessary to secure fully matured and healthy breeders.

Put up in 100 lb. Bags, \$2.50

SUNNY SOUTH BROODER CO., High Point, N. C.



er. I never put more than fifty chicks in one brooder, and would, if I had plenty of brooders not put more than forty. If you put more than this number they are apt to crowd, especially if it gets cool and the weaker ones are killed and all are injured.

I had an experience two years ago that impressed this forcibly on me. I had a hatch of one hundred and thirty chicks, and had only two brooders to put them in, and one of the brooders was larger than the other, so I put fifty in the smaller one and eighty in the larger and raised just about twice as many from the lot of fifty as I did from the eighty.—J. S. Jeffrey in *Progressive Farmer*.

Feeding Chickens Right.

One-half of the young chickens die in the earliest stages of their existence, and ignorance in feeding is the cause. As soon as the chicks are hatched they are fed wet food and if the feed is not all eaten immediately the balance will lay around to sour. Later the chicks will eat the sour stuff and in from five to eight days pass on and the breeder wonders what is the matter with them.

Now, brother poultry breeder, stop feeding wet or ground food of any kind and you will raise 95 per cent. of the chicks hatched in the incubator. Buy some chick food that has not been ground; commence feeding it to the little chicks when they are two days old and keep it up for ten or twelve days, then feed them something different. (Be sure that you give them plenty of green food all the time.) If you have any doubt about the value of dry feeding and wish to experiment, take one-half of the little fellows from the incubator, place them in the brooder and feed them the dry grains; the other half the wet mash. Then in ten weeks compare the two broods. You will not doubt any more.

We have not fed wet or mash food to young or old stock for eight years. Unless we change our mind we never will.

Whether grit consumed by poultry is for making feathers or not is immaterial. If fowls don't eat grit constantly they will die or they will be useless as money makers. Three-fifths of the diarrhoea among fowls is caused by lack of grit. Our ideas about conducting the poultry business successfully are: First, make up your mind to work every day. Take the same care of your fowls your mother does her babe. Keep everything about the chicken yards perfectly clean, not by cleaning once a week but every morning. Don't allow your fowls to stay in the roosting rooms during the day time. Clean up the droppings every morning. Pour kerosene on the roosts once a week (you will never be bothered with mites). Don't mix your grains together, but feed one kind at a time. Change the grain at least every other day. When you buy grain to feed your fowls, buy the best even if it costs more. The grain dealer will tell you any old musty grain is good for chickens.

We notice in the poultry journals that many breeders say to give your chickens sour milk. Don't do it. If you feed sour milk to your chicks, make it into cottage cheese.

In the winter we feed our fowls all the alfalfa (cut green and dried) they will eat, and you would be surprised at the amount they consume.—J. L. Hezar, in *Reliable Poultry Journal*.

Green Food in Winter.

The quality of the feed and the way it is fed determines the health or disease of the fowl. If there is one thing we would like to repeat each week it is give green feed. Small potatoes, cabbage, beets, turnips, anything in the way of green feed, but give it. Second crop clover is about the best winter green feed for fowls. A breeder who is very successful in getting winter eggs claims that most of his success is due to the clover. He is a practical farmer who claims to be making more off his hens than his cows. "When I said I must hay my hens," he remarked, "you should see my neighbors open their eyes. Many a farmer has no notion that the clover is good for hens, but I'd as soon leave off the grain as the green."

If you don't feed green feed this winter let us tell you what will happen. Your hens will possibly lay fairly well from January to March, but with the first warm days of spring you will notice a slight soiling of the feathers about the vent and will perhaps attribute it to an overdose of refuse from the butchering. On picking a hen up she will be rolling in fat, comb red, and to all appearances healthy. The abdomen will be heavy and hanging down, and if you are wise you will take every such hen to market. Instead you may set eggs from them and will be greatly disappointed and surprised at the low per cent of fertility. With the advent of warm weather many of the flock will break entirely. Possibly the character of the discharges may lead you to believe your fowls have been seized with cholera, but half or more of the so-called cholera of this country is merely indigestion brought on by a one-grain diet. So long as one can buy alfalfa and clover there is no excuse for neglecting to give the hens their quota of green feed.—*Farmers' Review*.

S. C. White Leghorns

Charlotte, January, 1906, won 1st Cockerel, 3rd, 4th and 5th Pullets, 1st Pen. Eggs, \$1.50 per 15.

R. M. FLENNIKEN,

R. F. D. No. 1 Charlotte, N. C.

DRAUGHON'S *Business Colleges*

KNOXVILLE, NASHVILLE, ATLANTA, RALEIGH, WACO and JACKSON, MISS. Positions secured or money Refunded. Also teach BY MAIL. Catalogue will convince you that Draughon's is THE BEST.

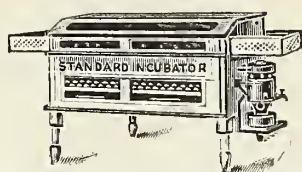
The Stratford Farm



Berkshire Pigs, 3 mos. old, \$10 each

Dam of Lady Lee, Highclere II; her sire Loyal Lee II of Biltmore, N. C.

J. G. STERCHI, Sterchi Bros., Knoxville, Tenn.



INCUBATORS ON 30 DAYS TRIAL

Without paying us one single cent in advance. Our Standard machines are used and indorsed by thousands of successful poultry breeders. All the features of merit found in other machines worth having are combined in ours, which makes them the very best all-around business hatchers in existence. Large, handsome catalogue, with building plans, etc., free to intending purchasers. Address THE STANDARD F. C. INCUBATOR CO., Dept. E, Rochester, N. Y., U. S. A.

HILL TOP POULTRY FARM

White Wyandottes, of Most Popular Strain in America

Those wanting first-class stock and eggs are invited to write or call on

A. H. CARPENTER, - **New Middleton, Tenn.**

Wy-Rock Poultry Yard,

CRASS & McDOWELL, Props.

CHARLESTON, S. C.

**Breeders of White and Barred Rocks,
and White Wyandottes.**

Eggs and Stock for sale. Satisfaction guaranteed. Reference: Any Charleston Bank. Look up our winnings at the great Charleston, S. C., and Atlanta, Ga., Shows, as well as at Augusta, Ga., and Charlotte, N. C.

SINGLE COMB WHITE LEGHORNS, WHITE LANGSHANS AND CORNISH INDIAN GAMES

We are anxious to get your business and will do all that we can to please you. Our pens are all that one could want, and the eggs are testing strong in fertility. Write today for our circular or order direct from this advertisement. We ship promptly and in light coops and carriers. We absolutely guarantee to please you. Price of eggs \$1.50 for 15. Stock a matter of correspondence. Be sure and get our premium offer. All inquiries promptly answered.

Mammoth Imperial Pekin Ducks; no stock for sale. Eggs \$2.00 for 11.

TURNERS' POULTRY YARD,

Lock Box 200

ALCOOD, TENNESSEE

WM. P. COLSON Breeder of Barred Rocks (RINGLETS)

Eggs \$3.00 per Setting.

Young Stock for Sale.

Winnings at Charleston November 24th to 30th

1st Cockerel, 2nd Pullet, 1st Pen.

West End Calhoun St.,

CHARLESTON, S. C.

BRUNER'S WHITE PLYMOUTH ROCKS MAKE A GREAT RECORD

At the Annual Exhibition of the Wabash Valley Poultry Association, Haubstadt, Indiana, Dec. 18-23, 1905, we won 1st, 3rd, 4th Cocks; 1st, 2nd, 3rd, 4th Cockerels; 2nd Hen; 2nd, 3rd Pullets; 1st, 2nd Pens, 1st Sweepstakes and Special for best display.

This proves beyond a doubt our White Rocks are as good as the best.

We breed for Fancy and Utility, Large Size, Fine Shape, Pure White and Great Layers

Some very fine Cocks and Cockerels for sale cheap. Also a few Hens and Pullets. Write for special prices.

EGGS \$3.00 per 15, \$5.00 per 30

A reasonable hatch guaranteed or replaced free. Send orders early. Correspondence solicited, which will have our prompt attention.

A. F. BRUNER & SON

|| || ||
R. R. No. 5

Evansville, Indiana

WINNING BROWN LEGHORNS

My birds prove the claim wherever they are shown. They never meet defeat. At Birmingham, Montgomery, Chattanooga and Knoxville, Jan. 17-19, 1906, in the hottest class ever shown in the South, I made clean sweep on Cockerels, winning 1st, 2nd and 3rd, and had my full share of the other prizes. Send for circular and prices.

Yours to serve,

M. S. COPELAND, Powell's Station, Tenn.

The J. M. Connelley Company

CHARLESTON, S. C.

Southern Agents for CYPHERS INCUBATOR CO.

and dealers in

Incubators, Brooders, Portable Houses, Foods, Clover and Alfalfa Products, Insecticides, Medicines, Etc.

Breeders of Prize-Winning White Plymouth Rocks and Black Minorcas

WRITE FOR CATALOGUE



BRED WHITE STAY WHITE

J. LAKE HACKNEY

Box 453, KNOXVILLE, TENN.

White Plymouth Rocks

EXCLUSIVELY.

At Columbia and Knoxville shows won 26 regular and special premiums, winning all the first at great Knoxville show.

SEND FOR CIRCULAR

Barred Plymouth Rocks

BRED IN THE PURPLE

The foundation stock is the best that scientific mating could produce or money buy. At great Nashville Show, Jan. 1-8, 1906, won 1st Cockerel, 1st Hen and 3rd Pullet, class of 300.

HARRY CLUB STRAIN

J. T. DAVIS, = Lewisburg, Tenn.

EGGS

White Wyandotte

Bred to Lay.

Bred to Win

\$3.00 per 15.

B. A. HASTINGS, - Gallatin, Tenn.

Hill Crest White Wyandottes—200 Egg-Laying Strain

Exhibition and Breeding Stock. Eggs and Stock for sale. Book your orders NOW.

C. B. THORNTON, - Nashville, Tennessee

This Woman a Good Farmer.

Surrounding the historic ground of Valley Forge there are many fine farms, noted for their fertility and some of them famous for connection with Revolutionary doings. There is just one that is known all over this historic locality, not alone for its fertility, but for the fact that its manager is a woman farmer, Ella W. Frederick.

Miss Frederick is 25 years old, a strong adherent of President Roosevelt's theory of strenuousness and perhaps the foremost woman farmer in the state, with an experience unique for one of the gentler sex.

Her experience as a dairy farmer began on the farm now owned by United States Senator P. C. Knox. Three years ago while the senator conducted a noted dairy farm, she began as a milkmaid for him. So well did she do her work that she was soon given charge of the dairy part of the senator's farm. A year ago the senator decided to abandon the dairy, however, and this decision left Miss Frederick without a position.

Having enjoyed her new experience she soon came to the conclusion that she would have her own dairy on the farm of her father, a well-known practicing physician. Hardly had a month passed before she had collected a fine herd of cows, four good horses, a number of hogs, 200 head of poultry and the necessary farming implements.

Two weeks later Miss Frederick appeared on the streets of Chester county towns with an up-to-date delivery wagon and her ledger soon showed that she was serving over 100 of the best customers, who resided in the towns of Berfyn, Devon, Paoli, Port Kennedy and Valley Forge.

Miss Frederick started this dairy farm very modestly. At first she did most of the work unassisted. She used even to curry the horses and help to thresh her grain, and to follow the plow or drive the horses attached to a self-binder was no rare occurrence to her. She often took the flail on a rainy day and threshed rye in the good old way to get straw for the binding of fodder in the fall.

Her dairy cows are mostly Alderneys and Guernseys, and every one has a good milking record. She has a systematic idea about all her work, which sometimes begins at 2.30 a. m., when she arises and throws the harness on her horse, loads her delivery wagon and is soon ready for her daily journey. The route covers a distance of about 35 miles, which she covers by 11 a. m. Cream, cottage cheese, 10 dozen eggs, 30 pounds of butter and lots of dressed poultry have also been disposed of along the route.

Miss Frederick owns seven horses, every one broken to harness by her. She is a perfect horse trainer and wants to see the first horse or colt that she can not break to harness or saddle. As her daily trips are largely before dawn she always protects herself by carrying a revolver.

Hens are mechanics, and turn out the product according to the pay they get.

This is the last time you will travel along this earthly road. Therefore keep cheery and help the world to keep so, too. We all have been furnished a cup with which to give some one a drink.



Prominent among the new successful business enterprises of the past year is the O. K. Stock Food Company of Chicago.

The O. K. Stock and Poultry Foods have been constantly on the market the past seven years, during which time many stock feeders and poultry raisers have come to regard them as the best adapted to their needs.

It is regarded by the best feeders as an article of more than ordinary merit. Many prominent cattle breeders and horsemen use it constantly and rely upon it thoroughly in maintaining and keeping health in horses, cattle or swine.

The President of the O. K. Stock Food Company, Mr. John C. Klein, began business in a very modest way in 1892, and gradually increased his sphere of action until the formation of the O. K. Company.

The Vice-President, Mr. D. J. Lambert, is well known to every poultryman and farmer throughout the country as a poultry raiser and breeder, as well as a maker of the famous Lambert Poultry Remedies.

Mr. F. J. Holt, secretary and office manager, has had a wide experience in merchandising, has traveled extensively in the United States, and is very familiar with the feeding proposition.

Mr. W. F. Klein, Treasurer and factory manager, has had charge of the factory output during the past six years and through his energy and skill in the manufacture is attributed no small part of the O. K. Company's success. With such a strong combination of desirable products needed by every stock raiser and poultryman the future of the O. K. Stock Food Company should be assured.

Awards at the Greenfield, Tenn., Show

Barred Plymouth Rocks—W. E. Kirksey, 1 trio, 2 ckl. (tie); Bass, 1 pen (tie), 2 ckl. (tie), 1-3 pul.; S. T. Johnson, 1 pen (tie), 3 ckl., 1-2 hen, 2 pul.; Menzies, 1-2 ck., 1 ckl., 3 hen.

Black Langshans—McUmbler, 1 trio, 2 ck., 2 hen, 3 pul.; McDaniel, 1 pen, 1 ckl., 1-3 hen, 1-2 pul.; Bass, 1 ck., 2 trio.

Brown Leghorns—All awards to H. V. Drewry.

White Leghorns—McUmbler, 1 trio, 1 ckl., 3 pul.; Stoker, 2 ckl., 1-2 pul.

White Wyandottes—C. A. Robinson, 1 trio, 1 ckl., 3 pul.; McUmbler, 2 ckl., 1-2 pul.

Black Minorcas—Ervin, 1 trio, 1 ck., 1 ckl., 1-3 pul., 1 hen; Crider, 2 ckl., 2 pul.

White Minorcas—All awards to Bass.

Golden Wyandottes—All awards to J. W. Karnes.

C. I. Games—All awards to Hatcher.

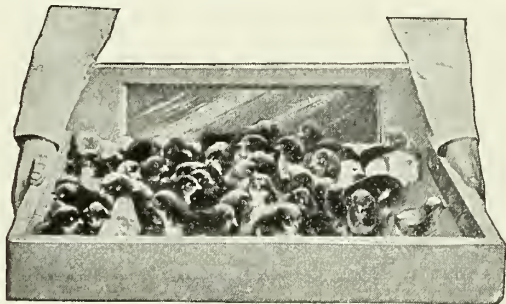
Buff Orpingtons—W. E. Kirksey, 1 trio, 1 ckl., 1-3 pul.; A. Sparks, 1 ck., 2 pul.

Commencing with this issue, our readers will notice the advertisement of the Hart Pioneer Nurseries of Fort Scott, Kas., advertising high grade Nursery stock. This is an old established firm, having organized their business in a small way in 1865, until at the present time their nurseries comprise over 600 acres and is one of the largest in the west.

They make a specialty of the mail order business, and sell their stock direct to the planter at wholesale prices, which saves the consumer all agent's commission.

They advertise their stock to be strictly first-class, pure bred in every respect and guaranteed true to name.

All of our readers who contemplate planting Nursery stock of any kind this spring will do well to drop a card to the above firm, asking for their wholesale catalogue. And you will do us a favor if you will kindly mention the name of this paper in writing to them.



Carrying the Chicks in Removable Chick Tray.

A Commendable Incubator Idea

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from four yards of birds that have won during the past season at seven shows, in three States. Would like to send you my show record. They are fine layers as well as winners. Eggs \$3.00 for 13. Two Cockerel and two Pullet mating yards. You can have eggs from one or all. Write me. Reference: Any one in Charlotte, N.C.

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Eggs \$2.00 per 15.

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To man it means his youth, whatever is his age. To woman it means her crowning glory, always. No one wants to become bald or have skimpy hair, dandruff or gray hair—falling out of the hair or to have an itching scalp. No one wants hair that looks dead and lifeless. No lady wants short hair that they can not arrange in the latest style.

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Pen No. 1 headed by the son of a fine imported Cock. \$2.00 for 14 Eggs, or 28 for \$3.50. Pen No. 2 are splendid Orpingtons, but not quite so fancy. 14 Eggs for \$1.00 or 28 for \$1.75. ORDER NOW. COCKERELS \$2.00 EACH.

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CHOICE S. C. White Leghorns cockerels, score 93 to 96, good breeding birds, \$1.50 to \$2.50 each. Fairview Poultry & Stock Co., Winston, N. C. 24

DO IT NOW—Place your orders with C. B. Campbell, Asheville, N. C., if you want eggs for hatching from the best there is in Buff or Brown Leghorns. \$1.00 per setting. Worth double the money. A few birds for sale at a bargain. 28

EGGS from pure white S. C. White Leghorns; bred to lay as well as true type and color; \$2.00 per 15, \$8.00 per 100. A good hatch guaranteed. Fairview Poultry & Stock Co., Winston, N. C. 24

FOR SALE—Cheap, 50 S. C. W. Leghorn Cockerels, 50 Pullets and Hens, to make room. Write me your wants; there is no better Leghorns in the South. W. S. King, Lenoire, Ark. tf

HEALTHY Habersham, healthy chickens, S. C. Buff Leghorns, good as the best. Our breeders direct from Arnold's solid even buff, handsomest fowl, the golden wonders and winter layers; four grand pens, 75 per cent fertility, or duplicate at half; special matings \$2.00; utility \$1.50 per 15; Incubator eggs \$6.00 per 100. North East Poultry Farm, Mount Airy, Ga. 22

JNO. R. BALDWIN, Rockwood, Tennessee, the S. C. White Leghorn specialist; world's best as layers and winners. Bred to Standard with due regard to utility points; heavy layers of large white eggs, non-setters, and unsurpassed in the South. All birds score 94 points and better. The birds—par excellence—for the farmer as well as fancier. Eggs \$3.00 per 15 straight. No stock for sale. Order early. tf

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R. C. BROWN Leghorns—High scoring stock, Kulp strain, and eggs for sale now at reasonable prices. C. W. Hicks, Madisonville, Tenn. tf

REV. J. M. JORDAN, proprietor of Cane Creek Poultry Yards, Single Comb Brown Leghorns, Bidwell, Tenn. In looks, laying and fecundity my flocks satisfy me, and patrons and customers shall continue satisfied. Eggs \$1.50 for 15. 25

ROCK RIVER Poultry Yards. The home of Stevenson's Single Comb White Leghorns. Won at Rockford's big show January, 1906, 1st pen, 1st cock, 1st, 2d cockerel, 1st, 2d, 3d hen, 1st, 3d pullet. Highest scoring bird in the show room. Eggs \$1.50 per 15; \$7.00 per 100 eggs. Free catalogue. I. F. Stevenson, Rockford, Ill. 24

ROSE COMB Brown Leghorns—Bred for size and large white eggs. Eggs \$1.25 for 15; \$3.00 for 50. F. L. Dadisman, Independence, W. Va. 22

ROSE COMB Buff Leghorns—Start right by buying the best. I have them; will give you of 1st prize winning yards. Eggs \$2.00 for 15; \$3.00 for 30—20 years a breeder. Also B. P. Rocks (Bradley Bro. strain) and R. C. Brown Leghorns. Jacob B. Lynerd, Westminster, R. D. 53, Md. 23

S. C. WHITE Leghorn Cockerels at \$1.00 and \$2.00 each. S. C. White and Brown Leghorn eggs \$1.25 and \$3.00 per 15; \$5.00 and \$10.00 per 100. Shady Dell Farm, Calais, Ala. tf

S. C. WHITE Leghorn Cockerels at \$1.00 and \$2.00 each. S. C. White and Brown Leghorn eggs \$1.25 and \$3.00 per 15; \$5.00 and \$10.00 per 100. Shady Dell Farm, Calais, Ala. 21

S. C. WHITE LEGHORNS—Charlotte 1906, 1st Cockerel; 3d, 4th and 5th Pullets; 1st Pen. Eggs \$1.50 per 15. R. M. Flenniken, Charlotte, N. C., Route 1. 26

SINGLE Comb Brown Leghorns. Winners of blue ribbon at Birmingham, Ala., show, 1905. Eggs \$2.00 for 15. Jno. R. Fulgham, No. 6230 Second Ave., N., Woodlawn, Ala. 26

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SINGLE COMB White Leghorns exclusively, Wyckoff strain; large and vigorous; pure white; heavy layers. Eggs \$1.00 for 15. Stock for sale. Edward Montgomery, Knoxville, Tenn. 24

S. C. BROWN LEGHORNS, line bred 19 years; good size; fine style; rich color. Eggs \$2.00 per 15. Geo. W. Osterhout, Bedford City, Virginia. 27

SINGLE COMB Brown Leghorns. Cincinnati, Ohio, 1906, on two entries, I won 1st cockerel, 4th pullet. Frankfort, Ky., Dec., 1905, every 1st premium; silver cup best pen. Cockerels for sale. Write for mating list. Eggs \$1.00 and \$2.00 for 15. Mrs. Chas. T. Samuels, Deatsville, Ky. 24

SINGLE COMB Buff Leghorns. Solid golden buff; none better. Eggs \$1.50 per 15; \$2.50 per 30. Hatch prize winners. Dr. H. P. Marshall, Mohawk, Tenn. 24

SINGLE Comb White Leghorns, Van Dreser, Blanchard and Wyckoff strains. Our birds have records of 201 to 234 eggs per year. Show birds for any show. We are the largest breeders of S. C. White Leghorns in the West. Send for largest and best circular published. North Lake Farm, Lake Mills, Wisconsin. 24

20 BROWN Leghorn eggs \$1.00, if you answer this ad; 20 other leading varieties. Catalogue free. Explains all. C. L. Shank, Luray, Va. 26

THE EXCELSIOR S. C. B. Leghorns—Stock and eggs for sale. Eggs \$1.50 per 15. Stock matter of correspondence. Excelsior Poultry Farm, Faulconer & Hudnall, Props., Excelsior, Ky. 22

WHITE LEGHORNS and White Wyandottes, extra fine breeding pens; McClure strain; eggs from pen No. 1, six cents apiece, or \$4.00 per hundred. Write your wants to F. M. Perkins, R. F. D. 6, New London, O. 22

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BRUSH CREEK Minorca Yards—Five grand pens, Santee & Andrus strain, Single Comb Black Minorcas, some of them direct from Madison Square Garden first prize winners. These birds are large and vigorous and will score 90 to 95 points. Eggs \$2.00 per 15. Fair hatch guaranteed or order will be duplicated at one-half price. Order your eggs direct from this ad. I give as my reference, Unaka National Bank. J. R. C. Lewis, Johnson City, Tenn. 25

ROSE COMB Black Minorcas—Northup strain. Eggs \$2.00 per 13. Book your order early. Satisfaction guaranteed. Albert Fletcher, Jr., Warrenton, Virginia. 31

ROUND'S Ideal Black Minorcas, line bred for years; 64 fine birds on range, settings \$1; 12 special R. & S. C. mating (No. 3), settings at \$1.50 after May 5th. Some nice breeders for sale June 1st. Spring Water Poultry Farm, Fred Rounds, Owensboro, Ky. 23

SINGLE Comb Black Minorca Eggs from prize winners at Atlanta December, 1905, \$2 per 15. Incubator eggs 5c each. The Minorca Farm, College Park, Ga. 26

S. C. BLACK Minorcas that won at Birmingham, Montgomery, Atlanta, Nashville and other shows. Eggs \$2.00 for 15. Stock a matter of correspondence. Address Mrs. W. S. Porter, Petersburg, Tenn. 25

S. C. BLACK MINORCAS that won at Birmingham 1st, 2nd and 3rd pullets and at Montgomery 1st cockerel, 2nd and 3rd pullets, 1st pen. Eggs in season \$2.00 for 15. Stock for sale. Address Mrs. W. S. Porter, Petersburg, Tenn. 24

S. C. BLACK MINORCAS—Shoemaker strain, extra large; my birds have never lost a ribbon when shown. Eggs in season \$1.50 for 15. Stock for sale. Also registered Poland China Hogs from three leading strains. Six sows and two boars that are a show to all who see them. High Peak Swine and Poultry Farm, Alex Collins, owner, Lewisburg, Tenn. 24

SINGLE Comb Black Minorcas, exclusively (Northup strain). Bred from prize winners. Eggs \$1.00 per setting; good cockerels \$2.00. B. C. Deyo, New Paltz, N. Y. 25

S. C. BLACK MINORCA—Extra large prize winners. My flock is headed with a 10 lb. Worthup cock. Eggs in season \$1.50 for 15. Stock for sale. Also, registered Poland China Hogs of the very best breeding; they are very large and growthy. Address Alex Collins, Lewisburg, Tenn. Correspondence solicited. 26

ORPINGTONS

BUFF Orpingtons, exclusively. Eggs from high scoring stock \$2.00 per 15. Satisfaction guaranteed. T. R. Hollowell, Murfreesboro, Tenn. tf

SINGLE Comb Buff Orpingtons, Rich Golden Buff, pairs, trios and cockerels at reasonable prices. Eggs in season \$3.00 per 15. Henry Keadie, Dyersburg, Tenn.

EGGS—S. C. Buff Orpingtons exclusively. \$2.00 per 15. Nashville winner. Winter layers. Eggs from range Orpingtons cheap. Mrs. W. A. Gibbon, Arlington, Tenn. 23

FIRST WORLD'S FAIR Cockerel, Single Comb Buff Orpington; 200 descendants \$150.00; 1st Boston cock. Blue ribbons Cincinnati, Louisville, Nashville. Circulars. Bluegrass Poultry Yards, Mitchell, Tenn. 27

SINGLE COMB Buff Orpingtons—Fine pullets and cockerels. Eggs from pens of tested fertility; \$1.50 for 15. Large quantities, special. Dr. T. C. Ware, Clarksville, Va. 27

S. C. BUFF Orpingtons—Eggs from my pens of prize winners at \$2.00 and \$3.00 per 15. Won 2nd and 3rd pens, besides many individual prizes at Middle Tennessee Poultry Show. Write for 1906 mating list and circular. W. H. Puryear, Glendale, Maury Co., Tenn. 26

SINGLE Comb Buff Orpingtons—Winnings, Middle Tenn. Poultry Show, Dec., 1905: 2nd cock, 2nd, 3rd hen, 1st chl., 1st, 2nd, 3rd pullet, 1st pen. Chattanooga, Jan., 1906, 1st chl., 1st, 2nd, 3rd pullet, 2nd hen, 1st pen. Eggs \$2 and \$3 per 15. W. S. McFall, Columbia, Tenn. 26

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HOMER Pigeons, 5 pairs mated breeding birds for sale, cheap. N. A. and N. M. Robinson, 1812 Hebron Ave., Zion City, Ill.

"SUCCESSFUL PIGEON RAISING"—Latest and most practical book for squab raisers. Full of valuable information, concisely stated. The author personally conducts a plant of 11,000 birds and tells his secrets frankly. Invaluable to the beginner. Telling how to buy stock, and how to succeed. Contains 101 pages, 21 fine engravings, handsomely bound. Price 50c postpaid. You ought to have it. F. B. Price, Jr., Box 27, Da Costa, N. J. 24

PLYMOUTH ROCKS

BARRED PLYMOUTH ROCKS—Brown Leghorns—The two leading breeds. Pure blood stock for sale. Eggs 15 for \$1.50. Order now. E. C. Fewell, Dublin, Texas. 30

BARRED Plymouth Rocks (exclusively); choice, healthy, farm raised cockerels at \$1.00 and \$2.00 each. Eggs \$1.00 per 15. Satisfaction guaranteed. Carlisle Poultry Farm, Dublin, Texas.

BARRED Plymouth Rocks, exclusively fine stock, good size, early maturity. They are bred to lay. Eggs \$1.50 per 15; \$2.50 per 30; \$3.00 per 50. Swanwick Poultry Yards, Swanwick, Ill. 23

BUFF PLYMOUTH Rocks (Burdick's nuggets) cockerels \$1.00 up. Eggs from choice matings \$2.00 per 15. The Yellow Feather Poultry Farm, Upper Alton, Ill. 22

EGGS for hatching. Pure bred Buff Rocks. Pen No. 1, \$2.00 for 15; pen No. 2, \$1.00 for 15. Diamond Poultry Farm, King, N. C. 24

McCULLOUGH'S Barred, White and Buff Rocks are well known. They have few equals and no superiors. They are bred from America's best strains and will reproduce themselves. They will surely produce winners. They are noted for good shape, size, color, combs, legs, eyes, beaks, etc. Eggs from truly exhibition matings \$2.00 per 15; \$5.00 per 45. Plummer McCullough, Mercer, Pa. 30

HEALTHY Habersham, healthy chickens, Barred and Buff Rocks, best strains, 75 per cent fertility or duplicated at half. Special matings \$1.50 per setting 15; Incubator eggs \$5.00 per 100. Stock for sale. North East Poultry Farm, R. 1 Mount Airy, Ga. 22

"48 BARRED ROCKS" (Hawkins) \$150.00 in eggs, 120 dozen. Two cent stamp will tell. Eggs \$1.50, 15; \$2.50, 30; \$5.00, 100. Cockerels \$2.00 to \$5.00. Reference Banks and Merchants here. Mrs. Dora Coward, Morganfield, Kentucky. 26

FISHEL STRAIN White Plymouth Rocks. As good as the "Best in the World." A few splendid cockerels and cock birds at \$3.00 to \$5.00. Eggs in season after March 1st. Pen No. 1, \$3.50; No. 2, \$2.50; No. 3, \$1.50 per 15. Also English Setter and Pointer Puppies, Field Trial strains. Eligible to registration. G. C. G. Givan, M. D., Harriman, Tenn. 23

ROCKS—Eggs from extra choice stock Barred, Buff and White Plymouth Rocks, \$1.50 per 15. J. S. Bual, Macon, Ga. 26

BARRED ROCKS a specialty, the finest in the land. Large vigorous farm raised, yellow legs, clear beaks, barred to the skin; lay all the year, and winners every time. Stock for sale, reasonable. Eggs \$2.00 per 15; \$5.00 per 100. Stevenson N. & P. Farm, No. 2, L. Box 8, Fordyce, Ark. 24

BARRED PLYMOUTH Rocks—A few cockerels for sale (Thompson strain). Eggs from best pens \$2.00 per 15, either mating; other pens \$1.00 per 15; \$2.00 per 45. Write for mating list. Mrs. Chas. T. Samuels, Deatsville, Ky. 24

EXHIBITION Barred Rocks—Bred for utility and beauty. Eggs for hatching 15 for \$3.00. Choice birds for sale. W. M. Pilgrim, Hartville, Stark Co., Ohio. 26

BUFF and Barred Plymouth Rocks; prize winners. If you answer this you receive 15 eggs for \$1.00; 30 eggs \$1.80. Free catalogue. Page Valley Poultry Yards, Luray, Va. 27

EGGS for hatching; pure bred Plymouth Rocks; \$1.00 for 13, \$2.00 for 30 eggs. Order at once. Mrs. Henry Ayre, Cleveland, Tenn. 23

BARRED Plymouth Rocks, splendid layers, heavy winners; six 1st in two shows. Eggs \$1.50, \$2.00 and \$3.00 per 15. Incubator eggs \$6.00 per 100; \$10.00 per 200. All from vigorous stock, very fertile. Orders filled promptly. Circulars free. S. J. Naftel & Son, Naftel, Ala. 24

"RINGLET" Barred Rocks! Bred for eggs and standard points. Choice vigorous cockerels, \$1.00 to \$2.00; pullets \$1.00. Eggs 15, \$1.00. Incubator eggs \$5.00, 100. Satisfaction guaranteed. Leslie H. McCue, Alton, Virginia. tf

EGGS from B. P. Rocks; no better to be had; barred to the skin (Thompson & Hawkins strain). Eggs \$2.00 per 15, \$8.00 per 100; a good hatch guaranteed. Fairview Poultry & Stock Co., Winston, N. C. 24

RINGLET Barred Plymouth Rocks. High scoring birds in pen. Eggs \$2.00 per 15. Evans Poultry Yards, Nelsonville, Ohio. 23

WHITE Plymouth Rocks exclusively "Fishel strain" cockerels for sale. Eggs in season. Correspondence solicited. Address. M. E. Briggs, Neosho, Ky., State Sec'y American White P. R. Club. 26

RHODE ISLAND REDS

RHODE Island Reds \$1 to \$2. I. F. Miller, Morristown, Tenn.

BROWN'S RHODE ISLAND REDS—Stock from pens scoring to 24. Score cards with birds after November 15. Mrs. C. W. Brown, Chariton, Iowa, Route 1. 24

RHODE Island Reds only. Eggs for hatching \$1.50 and \$2.00 per 15, from utility and exhibition stock. Mrs. Gomperts, Lady Lake, Fla. 27

RHODE Island Red Specialists: Club member, Hansen strain. Eggs \$1.50 and \$3.00; also White Leghorns. Free circular. C. F. Ward, Lakemont Poultry Farm, Winter Park, Fla. 22

RHODE ISLAND Reds—Eggs only, utility pen of large, fine shaped birds. \$1.50 per 15. Pen of Knoxville winners—93 to 95 point pullets, \$3.00 per 15. Cherokee Farm, Madisonville, Tenn. tf

ROSE Comb Rhode Island Reds. Thoroughbred cockerels \$2.50 to \$3.00. Eggs 15 for \$1.50. J. W. and E. H. Hackney, London, Ky. 23

ROSE Comb Rhode Island Reds. Eggs \$2.00 per setting from pen headed by \$50 male bird. Evans Poultry Yards, Nelsonville, Ohio. 23

ROSE Comb Rhode Island Red—From cock that took premium at World's Fair. Stock from him is equally as good; great winter layers. Grand birds in every way. Eggs from this pen \$3.00 for 15. One fine cock and cockerel for sale. Horace Bartlett, Johnson City, Tenn. 22

SINGLE Comb Rhode Island Reds that are Red. Winners at Atlanta and Nashville. Hardy, vigorous, heavy laying strain. Home of the famous Red Cloud. Eggs \$3.00 per 15. Illustrated circular free. See ad, page 364. Frank Langford, R. R. 10, Nashville, Tenn.

SINGLE Comb Rhode Island Reds that are red, bred from New York, Boston and Chicago winners. A hardy, vigorous strain of heavy layers that produce birds of the highest quality. The Reds are money makers. A few yearling hens and cockerels for sale. Frank Langford, Route 10, Nashville, Tenn. 24

WALKLING being a member of the American Poultry Association, National Single Comb Rhode Island Red Club, and the Rhode Island Red Club of America, can offer eggs from Rhode Island Red fowls that are bred your way of thinking. Winnings Madison Square Garden, N. Y.; Freeport, Portland, Maine; Concord, Manchester, New Hampshire; Beverly, Brockton, Lynn, Leominster, Mass. Eggs \$2.00 per 15; \$15 for 100 shipped any distance. Walkling Henneries, West Medford, Mass. 24

RHODE ISLAND REDS—1st cockerel, 1st, 2nd, 3rd pullets; 2nd cock, 2nd, 3rd hens, Charlotte, Jan., 1906. 15 eggs \$1.50. R. E. Ware, Shelby, N. C. 22

SPRING GROVE Poultry Farm—Rose Comb Rhode Island Reds. Knoxville show, eight entries, eight premiums. Eggs, per 15, prize pen, \$3.00. Other pens \$1.00 and \$2.00. O. H. C. Rodgers, Route 6, Knoxville, Tenn. 27

EXCLUSIVE Breeder America's best Rose Comb Rhode Island Reds; won the blue in biggest shows. Eggs only; free circular tells. Address, Virginia Poultry Farms, McGaheysville, Va. 23

TURKEYS

WHITE Holland Turkeys for sale; five dollars (\$5.00) per pair. Mrs. Mary W. Baker, Okolona, Miss., R. F. D. 1.

WYANDOTTES

GET your Silver Laced Wyandotte eggs of Jardine. Write and I will treat you square. Orr strain, \$1.50 per 15. D. W. Jardine, Marquis Avenue, Staunton, Va. 26

WHITE WYANDOTTES—Have made a specialty of this variety for the past fifteen years. I have mated up this season the best birds I ever owned. Eggs \$2.00 per 15; \$3.50 per 30. R. S. Bollinger, Columbia, S. C. 22

COLUMBIAN and Silver Penciled Wyandotte Eggs \$2.00 per 15. E. H. Adams, Schuylkill Co., Ellwood, Penn. 22

EGGS from pure White Wyandottes (Duston strain direct) and prize winners; \$2.00 per 15; \$8.00 per 100; won last fall in hottest competition; a good hatch guaranteed. Fairview Poultry & Stock Co., Winston, N. C. 24

PARTRIDGE WYANDOTTES—The Ideal Fancier's Bird—The best general utility fowl. Have New York, Chicago, Pittsburg, Indianapolis and Erie winners. Stock and eggs for sale. Orders now being booked at two dollars per fifteen; eggs from selected pens headed by First Chicago, Second New York and First Pittsburg males, three dollars for thirteen. Satisfaction guaranteed. Albert Fletcher, Jr., Warrenton, Virginia. 30

SHOW birds and winter layers; now is the time to hatch them. White Wyandottes, exclusively (Duston's). Eggs from choice stock 15 for \$1.50. (Member National White Wyandotte Club. Baird Jones, Murfreesboro, Tenn. 24

WHITE, Buff, and Silver Penciled Wyandotte's. Eggs 15 for \$2.00, or 45 for \$5.00. Ed. H. Kerstner, Gordonville, Mo. 24

WYANDOTTES that are White as the drifting snow. Eggs \$2.00 per 15. Evans Poultry Yards, Nelsonville, Ohio. 23

WHITE as the driven snow—My breeding pens of White Wyandottes are all stay white birds; brown eggs; Duston strain. Eggs \$1.50 per 15. Bert Brent, 401 S. 18, Quincy, Ill. 22

SEVERAL VARIETIES

ANCONAS—Get them and your egg basket will never be empty. Cook's S. C. Buff Orpingtons. Stock for sale. Jas. H. Lasley, Mebane, N. C. 22

BEFORE buying get special inducement prices from Exchange Poultry Farm, Cumberland, Ohio, on pure bred poultry and Buff Turkeys. We can interest you. Write us. Exchange Poultry Farm, Harry Prouty, Prop.

BARRED and Buff Plymouth Rocks and White Wyandottes—My birds have won the following prizes this season. At Charleston, S. C., Barred Rocks, 2nd cock; Buff Rocks, 2nd cock, 3rd and 4th cockerel; White Wyandottes, 2nd cockerel, 1st pullet, 1st pen. The pullet winning the Ivory Soap Cup for the best white fowl in the show (over 500 competing) and the pen a special for the highest scoring pen in American class. At Charlotte, N. C., Barred Rocks 3rd cock and 4th cockerel; Buff Rocks, 1st and 4th cocks, 1st cockerel, 2nd and 4th hens, 2nd and 3rd pullets, 1st pen and Buff Plymouth Rock Club's Silver Cup for best cock, hen, cockerel and pullet. White Wyandottes, 2nd and 3rd cockerel, 2nd hen and 2nd pen. Stock for sale at all times; eggs in season \$3.00 per setting. Jas. N. Jeffrey, Raleigh, N. C. tf

BUFF Orpingtons, best of Kentucky and Tennessee stock. Partridge Wyandottes, Carver & Avery's strain. S. C. Brown Leghorns, Henderson's "Brown Beauty" strain. Orpington and Wyandotte eggs \$1.50 per 15. Leghorn, \$1.00. Orr Bros., Mooresville, Tenn. 24

J. G. B. ERWIN, Erwins, Ga., breeder of Buff and White Orpingtons, White Guineas, Indian Games and White Turkeys, also first class Berkshires, etc. 30

LANHOFF'S S. C. White Leghorns, Barred Plymouth Rocks and White Wyandottes. Eggs from healthy, vigorous birds, five cents each; no matter how many. Piedmont Heights Farm, Yancey Mills, Va., F. C. Lanhoff, Prop. 24

MORNING GLORY FARM—Rhode Island Reds, Rose and Single Comb, and Mottled Anconas. Eggs for hatching. Price, \$1.50 per 15. Walter Poindexter, Sellersburg, Ind. R. R. No. 2. 25

PARTRIDGE Wyandottes (Doolittle strain), White Rocks (Fishel), Barred Rocks (Thompson), best stock obtainable. Eggs \$1.50 per 15. Circular free. J. C. Cooke, Salem, Va. 25

WE'LL FILL your Egg order for Barred Rocks, Toulouse Geese, Rouen Ducks, Bronze Turkeys, from prize winning birds. Catalog free. Greenview Poultry Farms, Box 99, Jackson, Mich. 26

FOR SALE—Eggs, White Wyandotte and Brown Leghorns, \$2.00; also some White Wyandotte cockerels. Have won 53 prizes the past two seasons. You get the best from me at a low price. Write L. S. Greenwood, 735 Market street, Chattanooga, Tenn. 24

BUFF Orpingtons and Rhode Island Reds, Single Combs. Eggs from high scoring stock, \$1.50 for 15. Mrs. M. E. Thompson, 603 North Spring St., Murfreesboro, Tenn. 27

20 YARDS Nugget Buff Rocks, 10 yards Duston White Wyandottes. All birds score 90 points or better. Eggs a specialty. Allen Secrist, Dundore, Pa. 27

EGGS from White and Barred Plymouth Rocks, and Rhode Island Reds. Our pens are composed of magnificent birds—bred to lay and fed for fertility, \$1.50 for 15. Beuna Vista Poultry Farm, Hartsville, Tenn. 22

SINGLE Comb Brown Leghorns and Barred Rocks; good stock. Eggs \$1.00 per 15; a few Leghorn pullets for sale; satisfaction guaranteed. J. P. Summerville, East Rochester, Ohio. 22

EGGS during season. Barred Rocks, 15 for \$1.00; Buff Orpingtons, 15 for \$1.50; Ducks, Pekin, Rouen, Colored and White Muscovy, 12 for \$1.00; Embden Goose, 25 cents each; Guinea 5 cents. Orders or inquiries receive prompt attention. Mrs. G. W. Ribble, Hettick, Illinois. 22

ORDER TODAY—Eggs that will hatch, from fine Rhode Island Reds and Rose Comb Brown Leghorns, \$1.75 per setting. Mrs. L. Simmons, Cave Spring, Ga. 25

EGGS from high scoring and heavy laying strain of White Wyandottes and Single Comb Buff Orpingtons; \$1.50 per 15. A good hatch guaranteed. Hermitage Poultry Yards, Hendersonville, Tenn. 22

SILVER, Buff and Silver Penciled Wyandotte eggs \$2 and \$5 per 13. Large and blocky; unexcelled for eggs and meat. Large Pekin Ducks, eggs \$2 per 9. All prize winners. W. F. Maury, St. Elmo, Tenn. 27

SINGLE Comb Brown Leghorns, Black Minorcas, White and Silver Laced Wyandottes, and Barred Rocks. Eggs \$1.00 per 13. T. B. Smith, Jr., East Durham, N. C. 26

FOR SALE—Barred Rocks and Buff Orpingtons, fine birds, either sex. Pekin ducks and drakes \$1 each. Embden geese \$5 per pair. Correspondence invited. Mrs. G. W. Ribble, Hettick, Ill. 23

SINGLE and Rose Comb Rhode Island Reds, Single Comb Brown and White Leghorns, White Wyandottes, Barred Plymouth Rocks. Eggs \$1.00 per 15; \$1.75 per 30; \$5.00 per 100. Riverside Poultry Farms, J. B. Coffman & Sons, Route 19, Box 74, Dayton, Va. 27

SUNFLOWER Poultry Farm can furnish you this year eggs from Black Langshans, Black Minorcas, Buff Orpingtons, Buff and Brown Leghorns at \$1.50 to \$2.00 per 15. Incubator eggs \$7.00 per 100, mixed, if wanted. My stock is from the leading strains of America. I guarantee to place the most exacting; let me have a trial order. B. E. Greer, Magnolia, Ark., Route 1, Box 52. 26

SINGLE Comb White Leghorns and White Plymouth Rocks, great laying strains. Bred from prize winning stock. Eggs \$1.00 per 15; \$1.75 per 30. R. W. Israel, Leicester, N.C. 23

WHITE and Silver Laced Wyandottes, S. C. White Leghorns, B. P. Rocks. Eggs from my best pens \$1.00 for 15; 2nd, 15 for 75c. Hatch of 10 chicks guaranteed. C. E. Smith, Chucky, Tenn. 26

FOR SALE—The Spruce Border Poultry Plant with its superb flock of 500 standard-bred S. C. White Leghorn layers. Rare bargain. Stamp for particulars. Chas. I. Burr, Flint, Mich. 21

THOROUGHBRED White Wyandottes, White Rocks and White Leghorns, with trapnest records from 175 to 200 eggs per year, the kind that lay and pay. Eggs \$1.00 per 15; \$5.00 per 100. Geo. Cook, Calverton, Md. 24

FORBES Poultry Yard, New Decatur, Ala. White Wyandottes, Barred Rocks, Brown and White Leghorns. Won sweepstake at Montgomery and special for best display in five shows and over one hundred prizes. Cockerels for sale. Eggs \$1.50, \$2.00 to \$3.00 per 15. tf

WHITE OAK Farm, Commerce, Ga.—Eggs for hatching, highest quality, White and Barred Rocks and White Wyandottes, \$1.50 for 15. Prize pens \$2.00 for 15. A prize pen Buff Orpingtons, Eggs \$2.00 for 15. Some White Rock Cockerels for sale. Eggs for incubation. Write for prices. Registered Berkshires. Satisfaction guaranteed. 24

MISCELLANEOUS

ANGORA CATS—Thoroughbred English Bull Terriers, fine Newfoundlands, White Silk French Poodles, fine Fox Terriers, Imported Scotch Collies; advice on diseases of cats and dogs free. Woodlawn Kennels, Louisville, Ky. tf

CANARY Birds breed rapidly and sell readily. Raise for your neighbors. Big money on small outlay. Success assured if you follow my simple instructions free with every order. Birds now ready. K. L. Moore, Department A, Station G, Washington, D. C. 22

CHOLERA IN CHICKENS—Send 50c and I will send you a recipe for the cholera. It prevents and cures. It is easy to make and costs but little. Any one can make it. R. P. Spence, Knoxville, Tenn. 27

ELEGANT location for poultry or stock farm, 80 acres in one mile of depot. Reese V. Hicks, Madisonville, Tenn. tf

FOR SALE—A fine pair of Fox Terriers, excellent ratters. Price \$25.00 each. Will trade for fine chickens. F. W. Meyer, Norfolk, Va. 25

OAK FOREST herd of Poland Chinas, home of blue ribbon winners. Top breeding individually good; young stock for sale. Kennon's Barred Rocks heavy laying strain and prize winners, cockerels scoring 90 to 92½ points \$1.00 to \$1.50 apiece. Mammoth Bronze Turkeys; great breeders and layers; toms \$3.00; hens \$2.00. H. L. Kennon, Dunnegan, Mo. 24

1906 CATALOGUE Free. Illustrates and gives prices 40 varieties land and water fowls, and eggs. Write today. S. A. Hummel, Box 39, Freeport, Illinois. 25

SURE CURE for sore head and cankerous roup; 50c box. Brown Leghorns, farm raised. For prices apply to Mrs. Lewis H. Williams, Sunflower, Ala.

ROUP cure for six cents in stamps. Address Riverside Poultry Farms, R. F. D. 19, Box 74, Dayton, Va. 27

FISH BITE like hungry wolves any season of the year when you use Magic Fish Lure. Write today and get a box to help introduce it. Okla. Mfg. Co., 2 Elm St., Anadarko, Okla. 22

ROUP—Sure remedy for roup. Easy to use and effects a rapid cure. Twenty-five cents a box. A. B. McGee, Bristol, Route 1, Tennessee. 22

STRAWBERRY PLANTS—Fruit trees, roses, shrubs, raspberry plants, etc.; seeds, etc. Send for free catalogue. John Lightfoot, Dept. 33, Chattanooga, Tenn.

SHORT HORN Cattle, Poland China hogs; special price on 6 weeks pigs; Tuggle's Red Warhorse Games; 15 eggs \$2.00; B. P. Rocks and Black Langshans, 15 eggs \$1.10; Pekin Duck, 11 eggs \$1.10. Orders given personal attention; 9th year. Tuggle Bros., Route 5, Watertown, Tenn. tf

We Manufacture Incubators and Brooders

And have six kinds of prize-winning Chickens: R. C. Rhode Island Reds, Buff Orpingtons, R. C. Brown Leghorns, Golden Laced Wyandottes, Partridge Wyandottes and Barred Plymouth Rocks. Also Pekin Ducks. Eggs from \$1.75 to \$3.00 for fifteen. My stock has won first prize wherever shown. Write for circulars.

J. H. CROUSE & COMPANY, Franklin, Tenn.

Special Clubbing Offers.

Daily Journal and Tribune (6 days).....	\$3.00
Madam, monthly	1.00
The Industrious Hen50
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All five for \$5.25 \$3.00

Weekly Journal and Tribune	\$.50
Madame	1.00
The Industrious Hen50
Farm and Home Sentinel50
Agricultural Epitomist25

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The Knoxville Daily Sentinel	\$3.00
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The three for 4.50 \$3.00

The Industrious Hen	\$.50
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The three for \$2.00 \$1.25

The Industrious Hen	\$.50
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Southern Agriculturist50
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The four for \$2.00 \$.75

The Industrious Hen, one year	\$.50
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Cooper's R. C. W. Leghorns

WIN EVERYTHING IN SIGHT

including Grand Sweepstakes \$25.00 Silver Cup offered by THE INDUSTRIOUS HEN for highest scoring pen in American, Asiatic or Mediterranean classes, First Annual Show, East Tennessee Poultry Ass'n, held at Knoxville. Score of first cockerel 96½, first pen 191½, Owen judging. Good breeders \$1.00 and up. Eggs \$1.00, \$2.00 and \$3.00 per 15.

SAM M. COOPER,
Fountain City, Tenn.

BUFF! BUFFER!! BUFFEST!!!

Do you want Buff Plymouth Rocks that are BUFF? Our flock was founded on show birds, contains show birds and will produce show birds.

Buff without black is hard to produce, but we have it. "Gold King," a blue ribbon winner, was a bird absolutely all buff, and his sons are chips of the old block and head our yards. The entire flock contains, perhaps, a greater per cent of pure Buff birds, and fewer black or white feathers, than any flock in the South. Eggs: 15, \$2.50; 30, \$4.50; 45, \$6.50; 105, \$12.00. If less than half hatch, will duplicate order at half price.

Eggs wrapped in paper, then in excelsior, placed between layers of excelsior and packed in baskets, will go any distance and safe arrival guaranteed.

50 CENTS Clip this advertisement and send with first order and it will be accepted for 50 cents.

Address, **L. M. DAMON, Blue Grass Poultry Yards,**
MITCHELL, SUMNER COUNTY, TENNESSEE

C. M. EMORY

ARLINGTON

KNOXVILLE, TENN.

20 Fine Cockerels for Sale

EGGS FOR SALE

Silver Laced Wyandottes

1st and 3rd Cockerel, 2nd Cock, and
1st Pen, Knoxville, Tenn., 1906

Single Comb Buff Orpingtons

BRED TO WIN

Winnings at Birmingham, December, 1905: 1st Cockerel, 1st and 2nd Hen, 1st Pen, 3rd Pullet. Some good stock for sale. Eggs in season, 1st pen, \$2.50, for setting; 2nd pen, \$1.50; 3rd pen, \$1.00. Pen No. 1 headed by 1st prize Cockerel, Birmingham, 1905. Pen No. 2 headed by 1st prize Cockerel, Birmingham, 1904. Orders booked now for eggs. Satisfaction guaranteed.

C. W. HALL, = Brookwood, Ala.

T. J. CATE, R. F. D. No. 1, Athens, Tenn.

...BREEDER OF...

**Barred Plymouth Rocks and Black Langshan Chickens, Mammoth
Bronze Turkeys, and Large Bone English Berkshire Hogs**

Won First Prize on Bronze Turkeys and Embden Geese at Chattanooga Poultry Show, January, 1906

THE FUN'S ALL OVER—We must now "Get busy"

My Black Minorcas prove their superiority over the entire South by meeting and defeating every breeder of Black Minorcas in the South; by taking every first, second and third "except two," with a score of 94 to 95½. I have sold every bird I can spare. Don't write me for prices on stock. I have mated only one pen of 10 females, not a bird in this pen scoring less than 93½. Eggs \$2.00 for 13 straight. **H. B. LANSDEN, Black Minorca Specialist, Guntersville, Ala.**

The Guinea Fowl on the Farms.

REV. J. R. PAYNE, WASHINGTON COLLEGE,
TENN.

There is very little in the poultry journals or farm papers that come to the writer's attention, said about the Guinea, so common in parts of East Tennessee. Quite recently the United States Department of Agriculture printed a farmer's Bulletin on "The Guinea, its Use as Food" which is quite interesting. As raised on many farms they are at least ornamental and useful, if not profitable.

As far back as the writer can remember the "Guinea" was common on East Tennessee farms. They are great foragers and where the range is large, give but little trouble about feed though they are easily made tame by liberal feeding with other poultry.

They are noisy and keep the people at home from getting lonesome and seldom fail to give warning if a stranger comes on the place. The other poultry soon learn the danger signal they make and the hen with her brood of young chickens can often escape the hawk, by this warning.

They are not good mothers and it is best to hatch the young birds by other means. The eggs being smaller than hen's eggs about 20 eggs can be put under a Plymouth Rock hen and the little Guineas are said to make good children for the mother hen, not willing to be weaned at all.

One item or two as to their habits may be worth mention. They eat bugs and do not trouble the fruits like chickens. They readily eat the potato bugs and do not disturb the strawberries in the same garden.

There is probably no demand for these fowls in this section but if the history and characteristics were better known many farms where small flocks of poultry are kept would find the Guinea both useful and ornamental.

Ira C. Keller, the owner of Brookside Stock Farm, Prospect, Ohio, is one of the leaders in White Wyandottes. At the World's Fair, St. Louis, Mr. Keller was the only exhibitor of White Wyandottes that won more than one premium in this class. He showed four breeding pens and three of them won, 55 pens competing. Mr. Keller has been for 18 years one of the heaviest winners in his class at New York, Chicago, and other great shows. He has some grand birds that you can buy and in his breeding pens for this season are many New York, Chicago and Cincinnati winners. You would do well to write Mr. Keller mentioning THE HEN. He will treat you right.

The six things to keep in mind when raising chickens are:

- First, keep them warm.
- Second, keep them dry.
- Third, keep them clean.
- Fourth, keep them busy.
- Fifth, keep them hungry.
- Sixth, keep them growing.

Do not tolerate a lazy hired man or an idle hen on the premises. Both are a detriment and make deep inroads on the profits.

Too many go about looking for trouble with a candle when all the time the big bright sun is blazing the road to happiness.

PHOTOGRAPHS OF YOUR BIRDS

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made should be sent direct to

THE INDUSTRIOUS HEN CO.,
KNOXVILLE, TENN.

The Best Cuts—The Least Money

Do you want

Your Chicks to grow?
Your Hens to lay?
Your Business to pay?

Do you want

An Incubator to hatch
healthy chicks?
A Brooder to make 'em
grow?

Then talk to me

Headquarters for everything in
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JNO. A. MURKIN, JR.,
P. O. Box 6, NASHVILLE, TENN.
CIRCULARS FREE

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S. C. WHITE LEGHORNS

Win in the Hottest Company.

Birds Bred Right. Expertly Mated.

Eggs \$2.00 per Setting.

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The Clover Hill Chicken Roost

CHARLESTON, S. C.

DR. T. M. SCHARLOOCK, Proprietor.

Rose Comb White Leghorns, Single Comb White Leghorns, White Rocks, Buff Wyandottes and Golden Seabright Bantams. SURE WINNERS WHEREVER SHOWN.

GOLDEN BEAUTIES

None
Finer.

Few as Good. I Breed them Right and
Sell them Right.

Eggs & **GOLDEN WYANDOTTES.**
Stock. **J. W. KARNES, Greenfield, Tenn.**

Franklin Poultry Show

List of awards.

Light Brahmas—2 pen, J. W. Laycock, Franklin, Tenn.; 1 ck., 1-2-3-4 hen, 1 ckl., and 1 pen, 1-2-3-4-5 pul., J. H. Matthews, Franklin, Tenn.

Partridge Cochins—1-2 hen, 1 ckl., 1 pul., 1 pen, Mrs. W. R. Talley, Franklin, Tenn.

Pit Games—1 ck., W. B. Matthews, Franklin, Tenn.; 2 ck., 1 ckl., 1-2-3-4 pul., 1 pen, Charlie Jackson, Franklin, Tenn.

Black Langshans—1 hen, 1 ckl., 1-2-3-4-5 pul., Mrs. H. A. Utley, Goodlettsville, Tenn.

Single Comb Brown Leghorns—1 ck., 3 ckl. (tie), 2 pul., 2 pen., Dr. O. L. Buchanan, Columbia, Tenn.; 3 pul., 2 ck., 2 ckl., 4 pen, Dr. W. C. Campbell, Franklin, Tenn.; 1-2-3-4 hen, 1 ckl., 1 pen, J. H. Matthews, Franklin; 5 hen, Dr. H. P. Cochrane, Franklin; 4 ckl., C. T. Looney, Columbia, Tenn.; 1 pul., 5 ckl., 4 pen, V. W. Gillespie, Franklin; tie 2 pul.; 2 pul., Thomas L. Johnson, Franklin.

Single Comb White Leghorns—1 ck., 1 hen, 1-2 pul., Mrs. J. L. Bingham, Franklin, Tenn.; 2 ck., 2-3-4 hen, 3-4 pul., 1 pen, W. B. Matthews, Franklin.

Buff Leghorns—1 ck., 1-2 ckl., 1-2 hen, 1-2-3-4-5 pul., 1-2 pen, E. L. Wilson, Columbia, Tenn.

Buff Orpingtons—1 ck., 1-2-3 hen, 2 ckl., 1-5 pul., 1 pen, W. S. McFall, Columbia, Tenn.; 1-3 ckl., 2 pul., 2 pen, Mrs. John Fitzgerald, Thompson Station, Tenn.; 4 pul., Houston Hill, Forest Home, Tenn.

Barred Plymouth Rocks—1 ck., 3-4 ckl., A. G. Settle, Nashville; 1 hen, 1 ckl., 1 pul., 1 pen, Mrs. W. F. Johnson, Franklin, Tenn.; 2 ck., Mrs. F. E. Mackey, Franklin; 3 hen, 2-3-4 pul., 2 pen, Dr. J. O. Shannon, Franklin; 4-5 hen, W. B. Matthews, Franklin; 5 pul., J. B. Holshouser, Franklin; 3 pen, F. E. Mackey; 4 pen, Mrs. W. J. Landess, Fayetteville, Tenn.

Buff Plymouth Rocks—1 ck., 1 hen, 1-2-3 pul., 1 pen, W. B. Matthews, Franklin.

White Plymouth Rocks—1 ck., 3 pen, J. B. Mann, Nashville, Tenn.; 2 ck., 2-5 hen, 5 ckl., 4 pul., Porter Bros., Columbia, Tenn.; 3 ck., 1-2-3-4 hen, 1-2-3-4 ckl., 1-2-3-5 pul., 1-2 pen, J. O. Norton, Nashville, Tenn.

Rose Comb Rhode Island Reds—1-2-3 ck., 4 ckl., 5 pul., J. H. Crouse, Franklin; 4 ck., 1-5 ckl., 1-2 pul., 1 pen, A. S. Lewis, Franklin; 1 hen, 4 pul., Dr. H. P. Cochrane, Franklin; 2 ck., W. F. Johnston, Franklin; 3 pul., 3 ckl., 2 pen, H. M. Laycock, Franklin; 4 pul., Y. M. Rizer, Franklin.

Pea Comb Buckeye—1-2-3-4 pul., Richland Poultry Farm, Nashville, Tenn.

Buff Wyandottes—1 hen, 1 ckl., 1-2-3 pul., A. W. Warfield, Columbia, Tenn.

Golden Wyandottes—1 ck., 1-2 hen, 1 ckl., 1-2 pul., J. H. Crouse, Franklin; 2 ckl., J. W. Corlett.

Silver Laced Wyandottes—1 ck., 1 hen, 1 ckl., 1-3-4 pul., 1 pen, F. M. Carl & Son, Franklin; 2 ckl., 2-5 pul., W. H. Synan, Franklin; 3 ckl., O. S. Shannon, Franklin.

Partridge Wyandottes—1 ck., 1 hen, 3-4 pul., 1 pen, W. T. Shannon, Franklin; 2 ck., 2 hen, 1 ckl., 5 pul., J. H. Crouse, Franklin; 2 ckl., 1-2 pul., Jas. H. Orr, Lewisburg, Tenn.

Pekin Ducks—1 dr., 1-2 dk., Mrs. W. F. Johnston, Franklin; 2 dr., 3-4 dk., J. T. Stovall, Thompson Station, Tenn.

Muscovy Ducks—1 dr., 1-2-3-4 dk., Mrs. Otey Walker, Franklin.

Golden Seabright Bantams—1 ckl., 1 pul., W. N. Murrey.

Silver Duckwing Bantam—1 ckl., 1 hen, W. H. Matthews.

Bronze Turkeys—1 ck., 1 hen, Y. M. Rizer, Franklin; 2 ck., Mrs. William Hume, Spring Hill, Tenn.; 3 ck., 4-5 ckl., 3 pul., Mrs. J. A. Gray, Franklin; 2-3-5 hen, 3 ckl., 1-5 pul., Mrs. W. J. Landess, Fayetteville, Tenn.; 4 hen, 2 ckl., Mrs. J. W. Baugh, Franklin; 1-2 ckl., 2-4 pul., Dr. J. M. Moore, Spring Hill, Tenn.

Rose Comb Leghorns—1 hen, 1 ckl., 1 pul., H. P. Cochrane, Franklin.

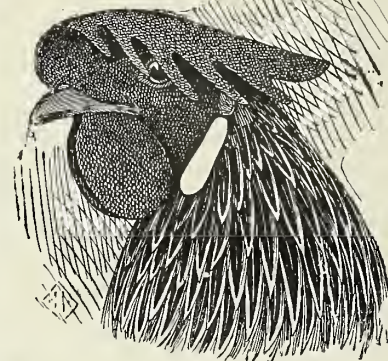
First high scoring pen in show, J. H. Matthews, Single Comb Brown Leghorns; 2nd high score pen, J. O. Norton, Nashville, White Plymouth Rocks.

S. C. Black Minorcas—1 ck., 1-2 hen, 1-3 pul., L. W. Buford, Franklin; 1 ckl., 2 pul., James Ormes, Franklin.

R. C. Black Minorcas—1 ckl., 1 pul., Dr. T. E. Pope, Franklin.

We wish to call your attention to our Farmer's Friend Brood Coop, manufactured by C. Hoskins & Co., 318 State St., Quincy, Ill. It is absolutely rat, mink, and weasel proof, and may be kept so clean, that there is no place for vermin. When not in use, this coop may be taken apart and stored in a small space, and with care it will last for years.

When not in use as a brood coop, the farmer will find this coop very convenient to store seed-corn, and other seeds in through the winter.



Eggs For Hatching

\$1.00 PER SITTING 15 EGGS

\$2.00 PER SITTING 15 EGGS

\$5.00 PER SITTING 15 EGGS

My circular tells the "WHOLE STORY"—it's free.

A trial order will be enough to convince you that my BROWN BEAUTIES never disappoint.

J. H. HENDERSON

The Brown Leghorn Specialist

KNOXVILLE, TENN.

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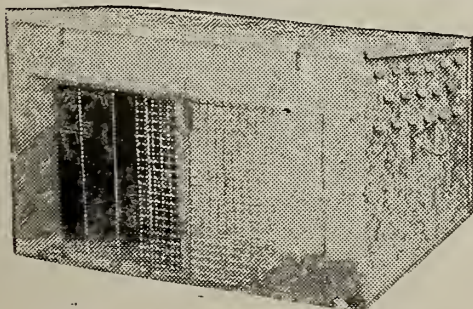
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We were the winners of the blue
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Vermin, Rat, Mink and Weasel Proof.

Made of No. 27 galvanized steel in sections.
Easily taken apart, cleaned or stored. No loss
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Made of galvanized steel wire. Very durable.
Two inches thick when folded. Weight 25 lbs.
Both coops are patented. Agents wanted.

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Fowls, like other animals, have a natural season for reproduction. To produce eggs, broilers or roasters out of this natural breeding season requires special care and feeding such as



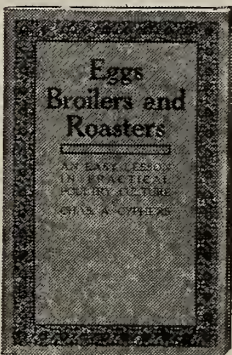
the average farmer does not give his poultry. As a result, the great bulk of the eggs and poultry is produced during the natural breeding and growing season. This accounts for the lower prices received for these products during the spring and summer and their scarcity during the fall and winter. It is plainly evident that the person who prepares to handle and care for his fowls so as to produce eggs and broilers, and lots of them—in the off season is going to

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The rapid increase in the use of artificial methods for producing broilers and roasters out of the natural season has resulted in a comparative increase in the supply of fresh stock during this season, but the consumption of poultry products has also increased so rapidly along with the growth of our large cities, that the demand has kept the prices up to the top notch, and there are no prospects of there ever again being a time when eggs and poultry will sell at such low prices as they brought eight or ten years ago. The ambitious farmer or poultryman can, therefore, make plans for raising poultry on the basis of present conditions and prices with a reasonable assurance that these conditions will be maintained indefinitely.

Aside from the general markets of our great cities, special markets may be found all over the country. Wherever people congregate at either summer or winter resorts there will be a demand for fresh poultry and eggs at good prices. The farmer or poultryman must study the conditions and possibilities of his own location, and then cater to them. If his eggs are clean and fresh and his poultry of prime grade, he can usually command a good price, for, unlike a hog or steer, poultry and eggs can be marketed direct by express at a good profit.

Mr. Cyphers has been manufacturing incubators and brooders for many years and has embodied the results of his many experiments and long experience in the Model Machines. The



system of air circulation is entirely new and gives them perfect ventilation. He has added a new patent thermostat which gives a much larger movement and consequently prevents any variation in temperature. Every poultryman realizes the value of this feature on an incubator or brooder in hatching and rearing strong, vigorous chicks. In fact, we would advise every one who wishes to make the greatest possible profit from poultry to

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For the gapes take a small piece of butter about one-half an inch square, cover it with pepper and force it down the fowl's windpipe.

SQUABS

Easily raised, ready for market, in twenty-eight days, 50 per cent more profit, 75 per cent less work than poultry. We are selling the finest Belgian Homer Squab Breeders in America. Information and prices free.

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Barred Plymouth Rocks

Pope & Pope, the well-known owners of Cozy Nook Poultry Farm, announce matings for 1906, and are now prepared to furnish the very best eggs from their carefully selected and mated pens.



JEANETTE, Score 94½ Points.
First Prize Hen at Louisville, Ky.
A Typical Production.

They breed one of the purest strains in America to-day, and their birds are large, big boned, and deep barred. Their win of First Cock, First Cockerel and First Pullet at Louisville, with a long list of other premiums, puts the stamp of quality upon their strains, this being well told in a sensible catalogue containing much valuable information about breeding Barred Plymouth Rocks. Personal attention given all orders, insuring to each and every customer best results. They want their catalogue in the hands of every one expecting to purchase Barred Plymouth Rock eggs this Spring, and ask all such to be sure to write them. Their address is Pope & Pope, Rural Route No. 45, Louisville, Ky., care Farm 2.

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Breeders of Standard Poultry and
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Eggs for hatching and stock for sale from White, Barred and Buff Plymouth Rocks, White and Silver Laced Wyandottes, White and Brown S. C. Leghorns.

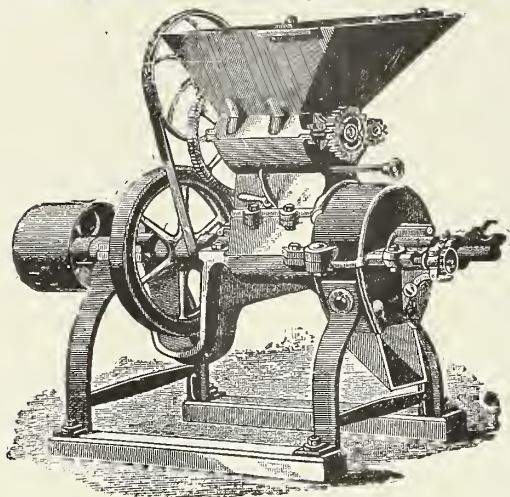
We now have some fine cockerels for sale at a low price. Write for circular.

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Single Comb White Leghorns

Bred to lay and do lay. **EXCLUSIVELY** Bred to win and do win.

From prize winners at World's Fair, St. Louis, Mo., 1903. No bird in pen scoring under 93½.

Mammoth Bronze Turkeys—1st Tom, 1st Hen, 1st Pullet, 1st Pair at East Texas Poultry Show 1905 Sired by first and second prize winners at World's Fair, St. Louis, Mo., 1903.

**BRED FOR UTILITY AND EXHIBITION
EGGS AND STOCK IN SEASON**

Correspondence solicited.

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COTTON TOWN, - TENNESSEE

Barred Plymouth Rocks and Standard-Bred Trotting Horses Stock for sale. Eggs from prize-winning strain. \$1.50 for 15 eggs.

WHITE WYANDOTTES ONLY

Four prizes on seven entries at Chattanooga Show, Jan 10 13, 1906.

1st Cockerel, score 94; 2nd Cock; 3rd Cock; 3rd pen.

If you want to start right, get eggs from hens that are right
We have them.

Eggs \$2.50 per 15; \$4.25 per 30;
\$5.75 per 45. Satisfaction guaranteed.

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The Mandy Lee

Almost any incubator will hatch well if everything goes right. If everything went right all the time, it wouldn't matter much what

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Rose Comb Brown Leghorns

There are no better layers. Lay twice as many and as large eggs as Rocks, to the amount of food required. High scoring stock, Kulp strain, and eggs now at reasonable prices. I breed this kind only.

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ALL ROOSTERS ARE NOT DEMOCRATIC

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Of my Famous Barred Rocks, Buff Rocks, Silver Laced Wyandottes, White Wyandottes, Rose Comb R. I. Reds and Rose and Single Comb Brown Leghorns. Eggs \$1.00 per 15. Don't buy stock or eggs till you have sent for my circular. My birds are all farm raised, and I have them direct from the finest breeders in America, such as A. C. Hawkins and Tobay 200 egg strain. I have fine prize-winning birds and I guarantee satisfaction.

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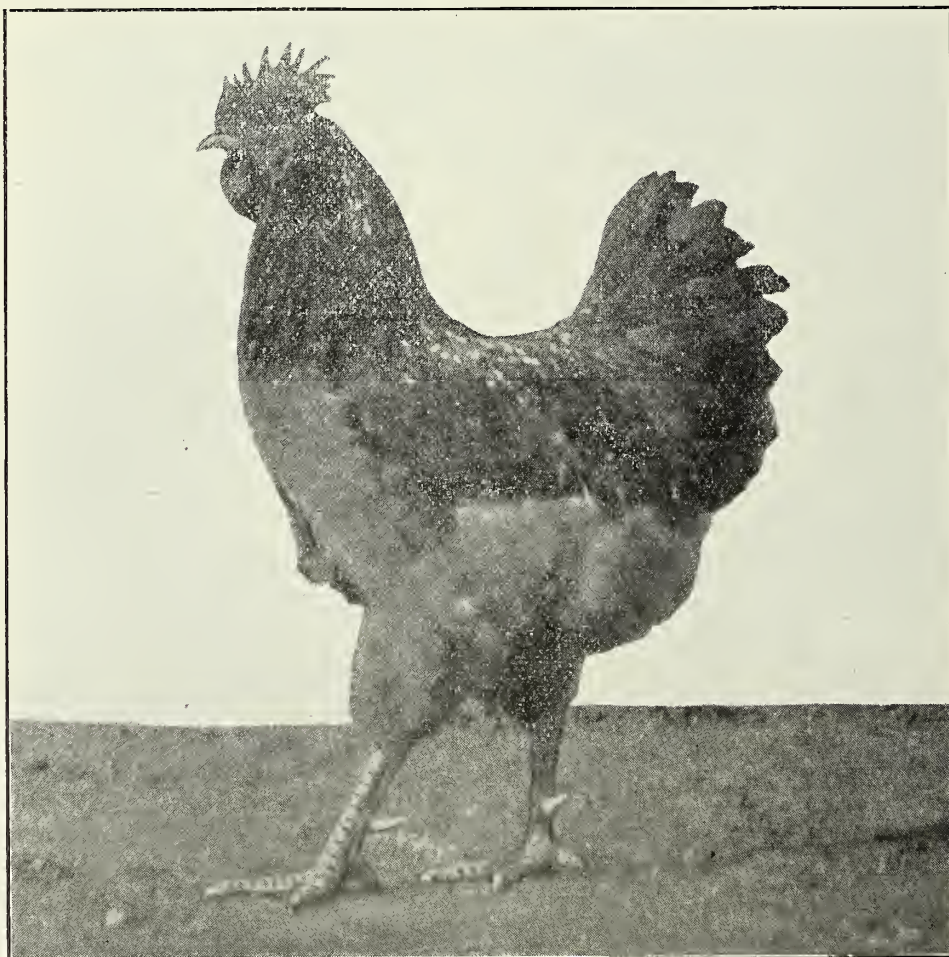
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Deep Rich
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I again take liberty to write you about them. I have now given them a three months' trial and trapped over eight thousand hens, the nests failing only once, and that because it was not set right. My hens range from the Brahma to the Hamburg.

I have made a special effort with the test as I contemplate installing them altogether and must honestly say they are the acme of perfection, supreme in every respect. You may refer your doubtful patrons to me.

Very sincerely yours,

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won 2 first, 2 second and 3 third premiums at Corsicana and Waxahatchie, 1904 and 1905, and will win for you. Eggs from five pens at \$2.00 per 15, \$3.50 per 30, \$4.75 per 45. H. F. BOHMFALK, R. R. 3, Mart, Texas.

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S. C. White Leghorns

20 Cockerels, no Pullets left

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Eggs \$2.00 per 15

Book your orders now. Ship when you need them.

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EXCLUSIVELY

I entered five birds at the Knoxville Show, Jan. 17-19, 1906, and won two first, two second and one third prizes. Also several Specials. No better stock in America. Eggs from best pen \$2.50 per 15 straight.

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Leghorn Eggs \$2.00. Brahma Eggs \$3.00.

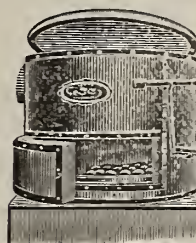
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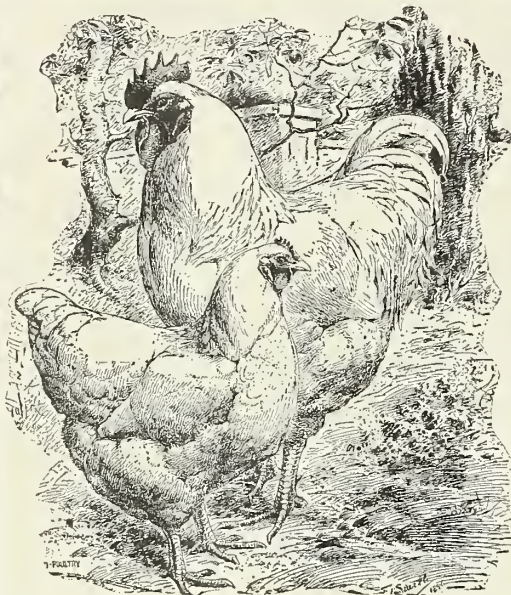
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EXCLUSIVELY

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EGGS \$2.00 and \$3.00 per 15. Write us

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Over 100 prizes, including 3rd pen, 7th Cock, World's Fair. Firsts at Chicago, Cincinnati, Louisville, Hagerstown and others. My stock represents the highest quality of this beautiful and profitable breed. Eggs \$3.00 for 15; \$5.00 for 30.

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Winners of St. Louis, Birmingham, Montgomery, Atlanta, Augusta and Macon.

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Eggs three, four, five and ten dollars per fifteen.

Silver Laced Wyandottes, \$1.50 per fifteen.

Registered Scotch Collies and Fox Terrier Dogs.

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This wonderful preparation is not a DYE, but is a hair and scalp food, and is guaranteed to produce results after all so-called hair restorers have failed. It is strictly a scientific preparation. It will gradually restore gray hair to original color, softness and youthful beauty. It contains neither oil nor grease, and will not gum the hair. Frees the head from and prevents dandruff. Makes the hair grow profusely even on bald heads. Cures any disease of the scalp. It is perfectly harmless in every way. It is an elegant dressing for the hair. 50c. and \$1.00 bottles at druggists, or large size prepaid by express on receipt of \$1.00. Take no substitute. It is the BEST your money can buy.

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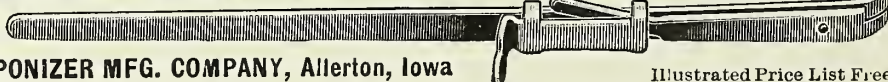
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Huntsville, Ala., Show, Dec., 1904: 1st Cockerel, 1st Pullet, 2nd Hen.

EGGS \$3.00 PER 15

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White Wyandottes and S. C. B. Leghorns. Utility and beauty combined in the two most practical breeds. Greatest egg producers. A few cockerels cheap for quick sale. White Wyandotte eggs, \$2.00 per 15. Leghorn eggs, \$1.50 per 15. D. GITHENS, Prop.

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S. C. Black Minorcas. Have always won for me, and will win for you. EGGS AND STOCK.

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White and Brown Leghorns, score 92½ to 96. Silver Laced Wyandottes, score 90 to 93½. No birds in our pens unless winners, and eggs limited, as we only have 4 pens in all, this year. Every egg we offer you will be from a winner at some big show. Write us.

EGGS!

from a heavy laying strain, White Wyandottes, \$1.50 per 15. Satisfaction or your money back with pleasure. Write. Agent Model Incubators.

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Won eight 1st premiums at Charleston and Atlanta, 1905.

Exhibition mating eggs \$3.00 per 15.

Incubator eggs \$5.00 per 100.

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Thoroughbred Mammoth Bronze Turkey
Eggs. \$6.00 for 13 Eggs.

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Win the Blue, '05, at the South's leading shows. White Rocks, S. C. White, Buff and Brown Leghorns, White Wyandottes, Brahmas and Cochins

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Dates arranged for '06. Write for terms.

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Winners at Atlanta Ga., 1905. 3d and 5th Cock, 2d Hen, 2d Pullet, 2d Pen. in hottest competition. For stock and eggs address

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Barred Ply. Rocks, White Wyandottes,
Single Comb Buff Orpingtons

Eggs \$2.00 per 15. Homer Pigeons a specialty. My birds are extra large and fine workers, and producers of extra large squabs. Healthy and vigorous. \$1.00 and \$1.50 per pair, according to age.

CORRESPONDENCE SOLICITED.

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GOLDEN WYANDOTTE SPECIALIST

SIX YEARS A BREEDER

At State Show, Louisville, January, 1905, (competing with World's Fair, Chicago and Cincinnati prize winners) I won every first prize. Silver cup best pen any parti-colored variety.

If you want Exhibition Birds that will win or Breeding Stock that will put you at the front, write me.

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Almost all incubators hatch well sometimes—when outside conditions are favorable. But that's the trouble. Ideal hatching conditions seldom exist, which explains why one hatch is satisfactory and the next a failure. In the

"Mandy Lee"

all this is changed. Heat, ventilation and moisture—the THREE essentials to a successful hatch—all work together in harmonious combination, and are under PERFECT and SEPARATE control of the OPERATOR ALL THE TIME. You can make favorable conditions in the "Mandy Lee" when outside conditions are UNFAVORABLE. That's why it's the "perfect" hatcher any time or any place, and peculiarly adapted for success in the South.

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All leading makes of Incubators and Brooders
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EVERYTHING FOR THE POULTRY, if we haven't it in stock we will get it for you



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Repair your old machines and put them in as good condition as new
Overhaul your old plant and take old stuff in part payment
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POULTRY
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White Plymouth Rocks

(EXCLUSIVELY)

My birds have won their share of the ribbons at such shows as Huntsville, Montgomery, Chattanooga, Nashville, Atlanta and Knoxville, and are as good as the best. No stock for sale, but can supply you with eggs at \$3.00 straight per setting of 15. This is positively the last year I will sell eggs for that amount, as next year they will be \$5.00 per setting. Inquiries cheerfully answered.

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LINE BRED FOR BUSINESS AND BEAUTY

Vigorous, Hardy, Large Size, Heavy Layers.

EGGS \$1.25 TO \$3.00 PER 15.

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Send us \$5.00 and we will send you 500 High Grade Letter Heads, beautifully embossed. Use good stationery—it pays. 500 Letter Heads printed in two colors and embossed for \$6.00. Embossed in Gold, 50c. extra. It will pay you to try some of these. We send prepaid.

TRENT PRINTING CO.

Embossing Specialists, **KNOXVILLE, TENN.**

We do all kinds of GOOD printing. Send stamp for sample, and be sure to state what you want to see.

"PATTON'S PURE GOLD STRAIN." ^{BUFF} ORPINGTONS

Won first at Atlanta, Ga. First at Cleveland, O. First at Charlotte, N. C.
EGGS FROM THESE WINNERS AT \$3.00 FOR 15. **STOCK FOR SALE**

FRANK S. PATTON, Johnson City, Tenn.

White Plymouth Rocks (Exclusively)

Hardy, Vigorous, Farm Raised. Stock and Eggs for Sale. Eggs \$2 per Setting

JOE KNOTT, R. F. D. No. 2, Knoxville, Tenn.

BEAUTY

UTILITY

Tennessee White Wyandottes

A Strain of Heavy Layers, Bred for Eggs by the Individual Record System

TENNESSEE POULTRY YARDS,

Nashville, Tenn.

Rogers Breeds the Winning Buff Rocks

Fine in Color. Up on Weight. Eggs \$2.00 per Setting.

WALTER ROGERS, - - - Cleveland, Tenn.

THE TEST OF A JEWEL INCUBATOR

IS IN PROVING ITS ABILITY TO HEAT CORRECTLY

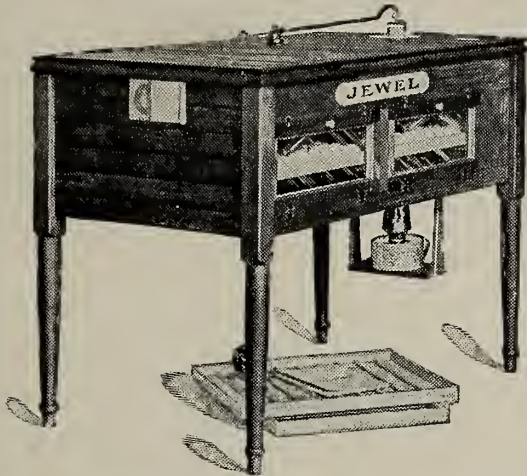
For the first time in the history of Incubator building has it been possible to build an incubator that would show and equal registration of heat in the corners, ends, sides and center of the egg chamber. Think of what this means. No slanting trays, no elevating of trays, but all of them flat and on the same level.

THE JEWEL VICTORIOUS IN WHAT ONCE WAS IMPOSSIBLE

For ten years experiments have been going steadily on until now we have removed all cause for worry, every egg in the Jewel receives proper attention. All other square incubators varies from one to five degrees in heat from end to end of the egg chamber. All old operators find it so. This is not only from bad heating, but from rank ventilation as well. Both heating and ventilation go hand in hand, one cannot succeed without the other; both must be right or failure will result sure as Time.

EVERY TRUE POULTRYMAN WILL APPRECIATE OUR VICTORY

PROOF THAT PROVES



STATE OF MINNESOTA, } SS
COUNTY OF HENNEPIN, }

The undersigned came personally before me and being duly sworn, each for himself says:—

That at the invitation of the International Stock Food Company, they were present at the International Building, East Minneapolis, Minn., on the 11th day of November, 1905, witnessing the test of a 360 Egg Jewel Hot-Air Incubator, having flat or level trays. Thermometers placed in the ends, each corner, sides and center, registering the same heat.

After this test all the thermometers were placed in warm water and were found correct.

SIGNED

GEORGE A. LOTH, Secy. M. S. P. A. L. B. RICH, Sanitary Poultry Co.

Z. M. COLE, Breeder W. P. Rocks. C. L. SMITH, Court Judge.

CLIVE H. OWEN, Breeder G. Wyand. LAWRENCE HOPE, Ex-Pres. M. S. P. A.

Subscribed and sworn to by each of the above named, this 11th day of November, A. D. 1905. R. CHRISTENSON, Notary Public, Hennepin Co., Minn.

These men have seen and now believe that the Jewel Hot-Air Incubator represents the greatest victory of modern incubator building. Practical poultrymen will appreciate the fact that under better conditions he may expect greater results. Jewel Incubators furnish better conditions and give better results. Jewel Brooders are not behind in this progressive movement, but we cannot tell you all the good things about them unless you send for our 1906 Catalogue, which will soon be ready. Jewel Brooders are without exception as far in advance of all other Brooders as Jewel Incubators are ahead of all others.

Jewel Chick Feed is the purest and best of all mixed grain rations, so say the consumers of it. You cannot raise chicks as successfully or grow them as rapidly without it. Full information concerning Incubators, Brooders, Chick Feed and Poultry Supplies free.

Poultry Supply Department, Box I.

International Stock Food Co. MINNEAPOLIS, MINN.

\$4.88 By selling Gem Incubators and Brooders direct from our factory to you we save you the agent's big profits. That's why we can sell you the best incubator built—the

GEM INCUBATOR

for from \$1.88 up. You know what the GEM is—it's a proven hatcher, well built and guaranteed. Has a Removable Chick Tray and Nursery and many other desirable features not found in any other. Our catalogue will save you some money if you are going to buy an incubator. Write for it today.

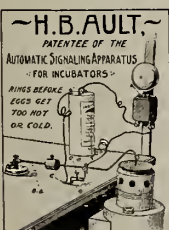
Gem Incubator Co., Box 407, Trotwood, O.

BARRED PLYMOUTH ROCKS

BROWN LEGHORNS

Correspondence Solicited.
Satisfaction Guaranteed.

JOHN P. HEINS,
717 S. Gay St. KNOXVILLE, TENN.



MONEY SAVED MONEY MADE

By attaching one of our automatic alarm bells to your incubator, which rings before your eggs get too hot or cold. Write today. Circulars free. Address

AULT BROS., P. O. Box 567, New Market, Tenn. Ault Bros., P. O. Box 567, Mobile, Ala.

WHERE THE PROFIT GOES

If your hens are lousy they may pay for their keep, but the chances are the profit goes to the louse. Lambert's Death to Lice Powder will change it. Sprinkle it on from the shaker top can. A few applications will suffice. Then spray the roosts with Lambert's Death to Lice Liquid. You will see the effect in three minutes. Poultry won't pay unless kept clean and free of vermin.

Alexandria, Ind., April 7, 1905.

Dear Sir:—
I find your remedies the best I ever used and could not raise chickens without them.

MRS. A. D. SHIPP.

Begin today. Order a sample lot and you will thank us for showing you. 100 oz. package for \$1.00; sample mailed postpaid 10c. Sold by all live dealers.

THE O. K. STOCK FOOD CO.,
447 Monon Bldg., Chicago, Ill.

Advertising in the Industrious Hen pays. Will be glad to send you proof.



VIRGINIA FARMS

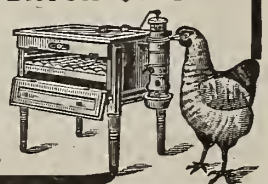
As low as **\$5 per Acre**

with improvements. Much land now being worked has paid a profit greater than the purchase price the first year. Long Summers, mild Winters. Best shipping facilities to great eastern markets at lowest rates. Best church, school and social advantages. For list of farms, excursion rates, and what others have accomplished, write to day to F. H. LA BAUME, Agr. and Ind. Eng., Norfolk and Western Ry., Box 42, Roanoke, Va.



200-EGG INCUBATOR \$12.80

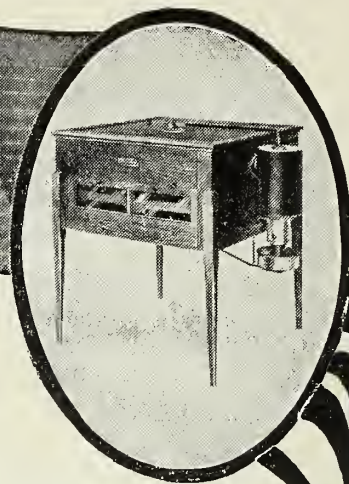
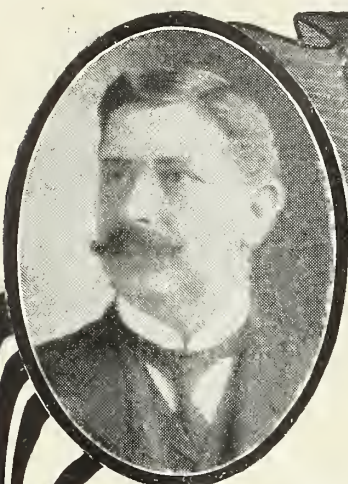
This perfect 200-egg Wooden Hen at \$12.80 is a startling trade innovation. It will do the work of the most costly hatcher, and always keeps in order. Hatches every fertile egg. Catalogue with fourteen colored views sent free.



LITTLE GEM HATCHERIES

Cost only 30c each, and over 60,000 successful poultry raisers now use them. This girl hatched 1789 chicks in them last year and raised 1751. Catalog free.

F. Grundy, Poul. Expert, Morrisonville, Ill.



MODEL Incubators and Brooders

Are the **only** Incubators and Brooders **made by me**. Look for the above **Trade Mark**, and accept no imitations. The "Model" Incubators are guaranteed to **out-hatch** any other make. Catalogue free. Prompt shipments guaranteed.

MATTITUCK, L. I., JANUARY 29, 1906.

MR. CHAS. A. CYPHERS,
DEAR SIR:—I suppose you would like to hear the news of my great success with the Model Incubator. I have my first hatch off from five No. 2 Models. Out of one thousand fertile eggs I got nine hundred and fifty-two chicks. I also have six other machines of other makes, and out of twelve hundred and seventy eggs I received only thirty per cent.
Very truly yours,
A. W. SILKWORTH.

"Egg, Broilers and Roasters"

Is the Title of My New Book. It is an Easy Lesson in Practical Poultry Culture.

It describes the profitable combinations of egg, broiler and roaster farms. It gives the prices paid for eggs and poultry week by week for the past three years. It tells how and when a hatch taken off each week in the year could be most profitably marketed. It shows how you can make \$2.00 on a large winter roaster. It tells what profits can be made with each of the popular breeds, and the costs of production. This valuable work mailed FREE upon request. I have helped thousands to make money with poultry. My Model Incubators and Brooders are used on the money-making farms. It is my business to teach those who use them to do so profitably. Whether your needs are small or large, I will furnish, without charge, estimates and plans for a complete equipment that will insure success without your spending a dollar uselessly.

CHAS. A. CYPHERS, 332 Henry St., Buffalo, N. Y.

Do not confused me with any Company, and be sure to include my street address.

Wood's Seeds.

Alfalfa Seed INOCULATED Ready For Sowing.

Inoculation makes it possible to grow Alfalfa where it could not be grown before.

It supplies the bacteria necessary for the best growth and development of this valuable crop.

Alfalfa once well established lasts for years, yielding large and continuous cuttings of the best and most nutritious hay. Price of seed quoted on request.

Wood's 1906 Seed Book tells all about Inoculated Seeds, both for the Garden and Farm. Mailed free. Write for it.

**T. W. Wood & Sons, Seedsmen,
RICHMOND, - VIRGINIA.**

We can also supply Inoculated Garden Peas, Snap Beans, Clovers, Cow Peas, etc. Write for prices.

SHADE

Shade for chickens in your poultry yard is the most essential thing and it will double the yield of trees. We raise all kinds of Shade, Ornamental, Peach, Apple, Pear, Plum and Mulberry Trees; Grape Vines, Pomegranates, Figs, Roses, Shrubbery, etc., etc.

We can supply you at wholesale prices, in lots of 1 to 10,000 trees. Inspection certificate with every shipment. Catalog free. Address

WAVERLY NURSERIES, Waverly, Ala.

P. S.—We will take poultry in exchange for trees, etc.

FLOOD'S ROUP CURE GUARANTEED

Simply put the Cure in drinking water, and the fowls take their own medicine.

Flood's Roup Cure will cure colds, roup and canker in chickens, turkeys and pigeons. 50c and \$1.00 per package, postpaid. A 50c package makes 50 gallons of medicine.

If your fowls are sick write us their symptoms, and we will tell you their ailments, and how to cure them.

Flood's Roup Cure only manufactured by

W. H. FLOOD, Dept. A,

No. 7509 Woodland Ave., Cleveland, O., U. S. A.

GINSENG

The money making crop. Easily grown. Room in your garden to grow hundreds of dollars worth annually. Plant now. Literature free. Write today. **BUCKINGHAM'S GINSENG GARDEN, Dept. B, Zanesville, Ohio.**

KEYSTONE INCUBATOR

has success" stamped all over it. You'll know why when you learn how it's built and operates. New catalog tells why and how. Free. Write for it today. The Diehl-Schilling Co. Box 600, Easton, Pa.

If the best is what you want, I have them. White Wyandottes and Mammoth White Pekin Ducks. Eggs \$1.25 per setting. Bred for utility as well as beauty.

G. S. McNABB, Erwin, Tenn.

...QUALITY...

Buff Orpingtons and Bronze Turkeys

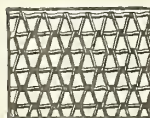
Nearly all my pens of Orpingtons will be mated to males from Wm. Cook & Son's Prize-Winning Strains. Our Turkeys are very large and fine. Write for our prices before you buy.

T. M. KING, Route No. 2, Box 7, Hagan, Va

EGGS!

Black Langshans, \$1.00 per setting; Rose Comb White Leghorns, 75c per setting. Book your order early; will ship when wanted.

ROSA COLLINS, Crews Depot, Ala.



FENCE STRONGEST MADE. Bull-tight. Sold to the Farmer at Wholesale Prices. Fully warranted. Catalog free. **COILED SPRING FENCE CO., Box 48, Winchester, Indiana.**

INCUBATOR RESULTS!



1906 Pattern Standard Cyphers.

FINAL TEST! When experienced fanciers, when expert poultrymen who are in the business for profit, freely entrust their best eggs to the care of an incubator—eggs that are relied on to produce the season's **PRIZE WINNING SPECIMENS** that sell readily at from five dollars to several hundred dollars each—that is the final test of a **PRACTICALLY PERFECT HATCHING MACHINE.**

THE GENUINE Patented Cyphers Incubators (beware of imitations!) have been thus honored season after season by poultrymen who would lose hundreds (in many cases thousands) of dollars if the incubators they use were to fail to do good work, by poultrymen who use the **STANDARD CYPHERS** solely because it is known by them to be the best incubator obtainable.

STANDARD CYPHERS INCUBATORS

Hatch "QUALITY" As Well As "QUANTITY." Cyphers Hatched Chicks Win At
NEW YORK—CINCINNATI—BOSTON—CHICAGO

America's Best Birds At America's Big Shows.

The following are a few of the men who, enjoying national reputations as poultry breeders, use and publicly endorse Standard Cyphers Incubators. They won many Firsts, Seconds and Thirds, at America's big shows with Cyphers Hatched Chicks.

Remember Cyphers Incubator Hatched Chicks Live, Grow Strong and Win.

D. W. Young, Highlands, N. Y.
Geo. W. Mitchell, Bristol, Conn.
Ira C. Keller, Prospect, Ohio.
V. R. Fishel, Hope, Ind.
S. T. Campbell, Mansfield, Ohio.
J. C. Fishel & Son, Hope, Ind.

Willow Brook Farm, W. L. Davis, Prop.,
Berlin, Conn.
H. B. Hark, Mgr., Poultry Dept., Hartman Stock
Farm, Columbus, Ohio.
Jesse T. Bateman, Waverly, Ill.
C. S. Byers, Hazelrigg, Ind.

Geo. H. Northup, Raceville, N. Y.
F. O. Groesbeck, Hartford, Conn.
W. T. Lord, Troy, N. Y.
Philander Williams, Taunton, Mass.
J. M. Williams Co., North Adams, Mich.
F. C. Shepherd, Toledo, Ohio.

FOOD VALUES vs. WEED SEEDS.

We Guarantee

That no screenings, weed seeds or by-products of any kind are used in the Cyphers Company's sealed bag poultry foods—not a particle! We further guarantee that all grain used in our foods is perfectly sound and wholesome, and will do the work they are recommended for. Every Bag is Sealed and we warn our customers to refuse all bags upon which the seal is broken. Our food products are: Cyphers Chick Feed, Cyphers Forcing Food, Cyphers Laying Food, Cyphers Scratching Food, Cyphers Developing Food, Cyphers Short Cut Alfalfa, Cyphers Shredded Alfalfa, Cyphers Mealed Alfalfa.

Our 1906 Catalogue

Entitled "Poultry Raising Made Easy and Profitable" will be mailed free to all who mention this paper and send us the addresses of two neighbors who are interested in poultry for profit. This free book consists of 228 pages, 8x11 inches, and contains a Large Amount of Valuable Information, including six chapters on poultry raising for profit, the raising of broilers, roasters, capons and ducks for market, poultry keeping on the farm, photographs of America's leading successful poultrymen, and illustrations of the largest poultry plants in the world; also a complete illustrated description of our full line of manufactures, embracing everything needed for greatest success with poultry.

Cyphers Incubator Company,

Factory and Home Offices, Buffalo, N. Y.

Address Nearest Office.

Branch Stores and Warehouses: 23 Barclay St., New York; 26-30 Union St., Boston; 310 Fifth Ave., Chicago; 329 Sansome St., San Francisco; 2325 Broadway, Kansas City; 119-125 Finsbury Pavement, London, E. C., England.

The Knoxville Storage Co.,

SOLE AGENTS, 123 Jackson Avenue, KNOXVILLE, TENN.

CARRY FULL LINE CYPHERS' INCUBATORS AND BROODERS

Prospective buyers are invited to call or correspond. They can save you money and show goods before you buy.

Richland Poultry Farm

Ostella, Tenn.

PEN No. 1: Headed by Bob Taylor, he by Kentucky Colonel, score 94¼, he in turn by Wm. F., score 94. \$2.00 for sixteen eggs.

PEN No. 2: Headed by three good young cockerels. \$1.00 for sixteen eggs.

S. C. Brown Leghorns  Wm. PARK, Manager

PIONEER GUARANTEED NURSERY STOCK AT WHOLESALE PRICES.

All stock guaranteed disease free and true to name.

Hart Pioneer Stock is pure bred and produces heavy crops.

Value received for every dollar sent us. No Agent's Commission.

WRITE FOR COMPLETE PRICE LIST. WE WILL SAVE YOU MONEY.

HART PIONEER NURSERIES, Established 1865, Fort Scott, Kan.

MONEY in POULTRY



Our new 1906 book tells how to make it. Tells how to treat diseases, feed and care for poultry successfully. It illustrates and tells all about 40 varieties Famous Thoroughbred Fowls, with low price on stock and eggs. Only 6c in stamps.

JNO. E. HEATWOLE

Box 23 Harrisonburg, Va.

\$10.00 FOR THIS 200 EGG PERFECT HATCHER & BROODER COMBINED

100 Egg Size \$6 Brooders \$5
B. P. Rocks-Eggs \$1 per 15. \$5 per 100.

TESTIMONIALS & ILLUSTRATED CIRCULARS 25¢
J. A. CHELTON FAIRMOUNT, MD.



LEARN POULTRY CULTURE

We can teach you thoroughly, successfully. Our original, personal correspondence course of instruction is interesting, practical, costs but little. A safe guide to beginners, invaluable to old poultry raisers. We teach you how to make any plot of ground, large or small, pay a sure dividend of from 25 to 50 per cent on the investment. Individual attention given each student. Write for free booklet telling how to make poultry pay. Columbia School of Poultry Culture, 188 Harvey Road, Waterville, N. Y.

WHITE WYANDOTTES

The Utility Type. BRED TO LAY

Early hatches make the Fall and Winter layers and win the blue ribbons at the shows. Eggs after Feb. 1st, \$1.50 for 15.

JULIAN L. SHIPP, Highland Park, Tenn.

For Twenty Years the Prizes

HAVE BEEN COMING TO THE

WOODLAND POULTRY FARM

WE BREED AND RAISE

Barred Plymouth Rocks, Black Langshans, White Wyandottes, S. C. Brown and White Leghorns and Silver Spangled Hamburgs with the blood lines behind them. They win for me and will win for you. Write for prices.

MRS. R. H. BELL, Knoxville, Tenn.

RHODE ISLAND REDS

MY S. C. REDS ARE CAREFULLY BRED AND HAVE PROVEN INVINCIBLE IN THE SHOW ROOM. THEY ARE

HARDY VIGOROUS HEAVY LAYERS

Won at NASHVILLE, 1st, 2nd cock, 1st, 3rd hen, 1st, 2nd, 3rd, 5th pullet, 1st pen. Also \$25.00 Dudley Cup for highest scoring pen in the entire show. Showed 14 Reds that scored from 92½ to 95 points. Won at Atlanta on four (4) birds, 1st cock, 1st hen, 1st, 3rd pullet. Three grand pens mated, headed by champion cock, Red Cloud, 1st at Chicago, Cincinnati, Indianapolis, etc., and sire of 1st New York cockerel; 2d pen by Red Robe, 1st cock at Nashville and Atlanta. Third pen by cock that scores 94½.

Eggs \$3.00 per 15. Illustrated Circular Free

FRANK LANCFORD, R. R. 10, Nashville, Tennessee

PARRISH'S Light Brahmas—Bred to Lay Pitt Bull Terriers—Bred to Fight

Will win in the hottest competition

T. REID PARRISH, 17th Street, East, Nashville, Tenn.

PRICES

Brahma Eggs, 15 for \$3.00, 30 for \$5.00, 120 for \$15.00.

Brahma Stock for Breeding
Males \$3.00 to \$10.00, Females \$2.00 to \$5.00.

Pit Bull Terrier Pups, either sex, \$10.00.

WRITE FOR CIRCULARS

Childress' S.C. White Leghorns

Lead the world both as egg producers and exhibition qualities

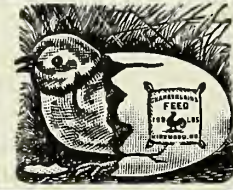
They won first honors at the great Hagerstown, Md., Show, Atlanta, Ga., Birmingham, Ala., Charleston, S. C., Chattanooga, Tenn., and Knoxville, Tenn. Start right. Try a setting of eggs from my heavy laying exhibition stock.

JOHN F. CHILDRESS, Sweetwater, Tenn.



CHAMBERLAIN'S PERFECT CHICK FEED

Hen Feed, Mash Egg Feed, Ever Green Clover Meal, and Pigeon Feed
The Standard Poultry Supplies of the World. The ONLY Original Dry Chick Feed.
Sold Everywhere. Please write for prices and name of nearest Agent.
W. F. CHAMBERLAIN, (The Perfect Chick Feed Man.) ST. LOUIS, MO.



WAGGONER & BRO., Johnsonville, Tenn. | DYERSBURG HARD. & FEED CO., Dyersburg, Tenn. | R. L. CANNON & CO., Bristol, Tenn.

HALE'S BARRED ROCKS

are line bred and mated to produce winners for you. At the great Knoxville show January 17-19, 1906, I won 2nd cock, 4th hen, 1st cockerel (3rd cockerel tie), 1st and 3rd pullet, 1st and 4th pens. At Chattanooga December, 1904, I won 1st and 2nd cockerel (1st pullet tie) 2nd pullet, 1st and 4th pen. Don't you think eggs from such a stock are worth more than eggs from stock bred in a haphazard way, with no record behind them? I have both cockerel and pullet matings, and can sell you eggs from one or both at \$2.00 per 15; \$3.50 per 30; \$8.00 per 100. Best laying strain Barred Rocks in the South. ORDER TO-DAY.

C. P. HALE, Barred Rock Specialist,

R. F. D. 1, SWEETWATER, TENN.

BAKER'S BARRED ROCKS

Champions of West Tennessee—Bred to Win

Have never been beaten on cock, cockerel or hen—only once on pullet. The best all-purpose fowl bred. Write me if you want first-class fowls. I breed nothing but Barred Plymouth Rocks.

T. H. BAKER, Jr., - McKenzie, Tenn.

GLENVIEW ORPINGTONS

S. C. BUFFS EXCLUSIVELY.

Guaranteed Eggs for Hatching from best Matings.

\$3.50 per Setting. \$6.50 per thirty. From Utility Matings, \$2.50 per Setting.

EXPRESS CHARGES PREPAID.

B. S. HORNE, Keswick, Va.

1894—H. C. AUSTIN—1906

SPECIAL BREEDER OF

Black Langshans and Black Breasted Red Game Bantams

JOHNSON CITY, TENN.

Get right by starting right and to start right is to buy your stock or eggs from a scientific breeder that knows how to mate his birds to produce show birds. I won 1st and 2d cockerel, 1st, 2d, 3d, 4th pullet, 4th hen, 1st and 2d pen on Black Langshans at Knoxville, Tenn., Show, Jan. 17-19, 1906. Some fine birds for sale at bargains, quality considered.

Eggs \$3 to \$5 per 15 eggs. Send stamp for reply unless you mean business.

GRAND MATINGS

Eggs from my Great Prize Winners at \$2.00 per 15

Now if you want the best in Barred, Buff and White Plymouth Rocks and White Wyandottes, just send me your orders. Every pen is mated with much care for fine results, and you will not be disappointed. You ought to see my Snow White Cocks and fine Golden Buffs. They are beauties. They will please you. Order now. Don't wait.

Fine Breeding Stock \$1.50 to \$2.00. Eggs from good matings \$1.50 per 15 or \$5.00 per 100 assorted. Fine exhibition birds quoted on application. Special prices on large shipments. Keep your eyes on this ad. and when in need order from

OAK CREST POULTRY FARM, Burlington, N. C.

JOSEPH A. ISLEY, Proprietor

Specialist Breeder Barred, Buff and White Rocks and White Wyandottes

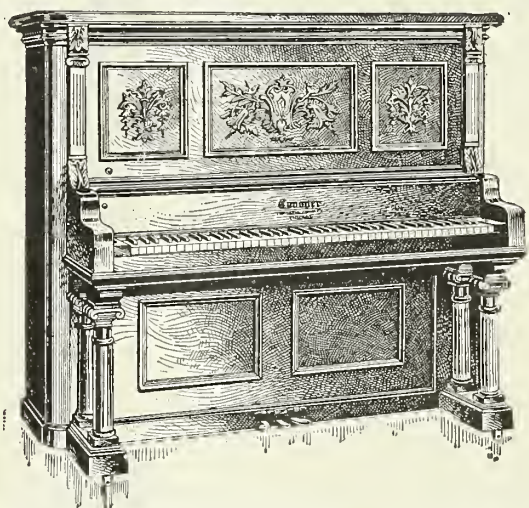
RHODE ISLAND REDS

Bred for years to suit Southern conditions, and are better in show points than any Northern birds and at the top in utility. Best winter layers, quickest maturing fryers or broilers, and are large, vigorous birds when grown. The best all-round and all-purpose fowl.

Five pens will be mated up December 1st. Eggs from first pen, headed by "Lord Red," with six rich, even colored pullets, \$3.00 per 15. Other pens, \$2.00 to \$1.50 per 15. Incubator eggs at special prices at all seasons. Catalogue and booklet sent gladly.

CHEROKEE FARM, Reese V. Hicks, Prop., Madisonville, Tenn.

PEKIN DUCKS, BRONZE TURKEYS, TOULOUSE GEESE, AND ABERDEEN-ANGUS CATTLE.



THE FINEST CHICKENS

are like the best Pianos and Organs, they are worth the price charged for them. The

PIANOS AND ORGANS

manufactured and sold by us are to the music trade and to the musical home what the best chickens are to the poultry trade.

The Mason & Hamlin Pianos and Organs

are the pure blood among musical instruments. We have other fine instruments which have strong traces of the best blood, and you can make no mistake in buying any of them. There are

many kinds of chicks as there are many makes of Pianos and Organs, but for the best see ours.

THE CABLE COMPANY

S. B. WAGGONER, Mgr.,

422 Gay St., KNOXVILLE, TENN.

BIRDS OF QUALITY

S.D. LAPHAM'S
BUFF
PLYMOUTH ROCKS
DEARBORN
POULTRY
YARDS
DEARBORN, MICH.



WHO WON?

"My Winnings, January, 1906:"

Chicago—1st, 2nd, 4th Cockerel; 1st, 5th Pullet; 1st Pen; 3rd, 5th Cock; 3rd Hen.
Madison Square, New York—3rd, 4th Cock; 3rd Pen; 4th Hen.
Michigan State Show, Detroit—1st, 2nd Pullet; 2nd, 3rd Pen; 2nd, 3rd, 4th, 5th Cock, 3rd, 5th Cockerel, 3rd, 5th Hen.

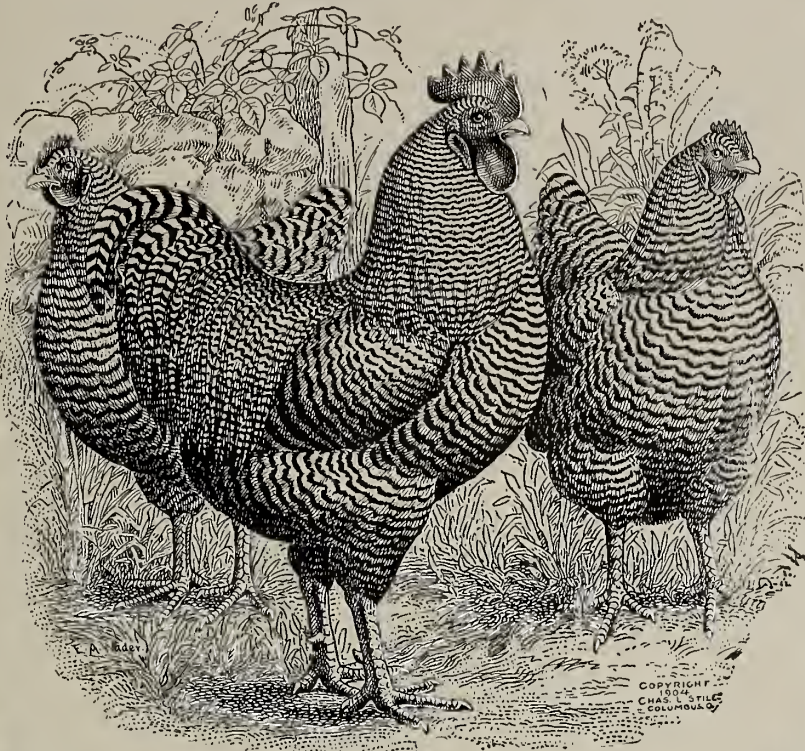
Eggs for Hatching from 20 Breeding Pens

All pens are headed by New York, Chicago and Detroit Winners. Eggs per setting of 15, \$2.00, \$3.00 and \$5.00. Place your egg order early. Breeding stock for sale. Address

S. D. LAPHAM, Dearborn, Mich.
Lock Box 52.

Mention "THE HEN."





W. T. DARBY

Breeder of the World Renowned

"Ringlet" Barred Plymouth Rocks

Invincible at the World's Greatest Shows

Have won and can win in the STRONGEST competition.
They never fail to get the blue ribbons.

At Huntsville, Ala., Dec., 26 to 30, 1904, won 2nd Cockerel, 1st Pullet (tie), won 2nd and 3rd Pullets, 1st Pen. F. J. Marshall, Judge.

At Huntsville, Ala., December 5 to 8, 1905, I made a clean sweep, winning Cock, 1st; Cockerel, 1, 2, 3; Pullets, 1, 2, 3; Pen 1 and 2. F. J. Marshall, Judge.

At Nashville, Tenn., the greatest of all Southern Shows, in a class of more than 300 B. P. Rocks, the best that could be produced, I won 1st, 2nd Pullets, 2nd Pen. I had 8 Pullets in show scoring from 92½ to 95. Six in the show scoring from 94 to 95. These 6 Pullets will be mated to Edw. B., the best Pullet bred Cock in the

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Will have two pens mated for exhibition Cockerels. First Pen will be headed by High Henry, a grand Cockerel breeder, mated to as fine hens as can be found. Eggs, \$2.50 for 15 Eggs. Pen 2 will be headed by a son of High Henry. He was 1st Cockerel at Huntsville, Dec. 5 to 8, 1905. To him will be mated 8 as fine females as can be bred. Eggs from this Pen, \$2.50 for 15 Eggs.

Can mate a few extra good Pens for breeding either Exhibition Pullets or Cockerels. Can spare a few fine Cockerels or Pullets from either mating. WRITE YOUR WANTS TO

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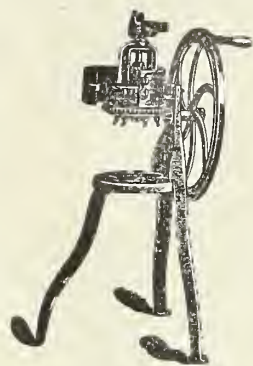
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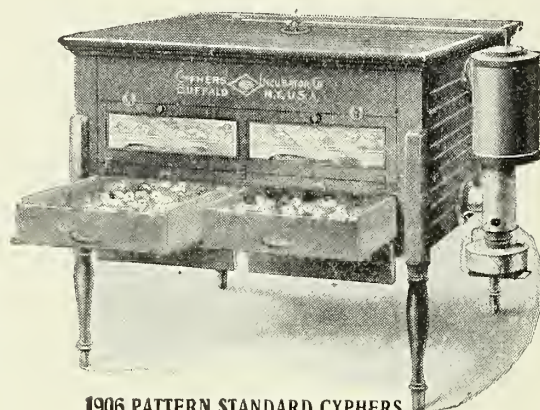
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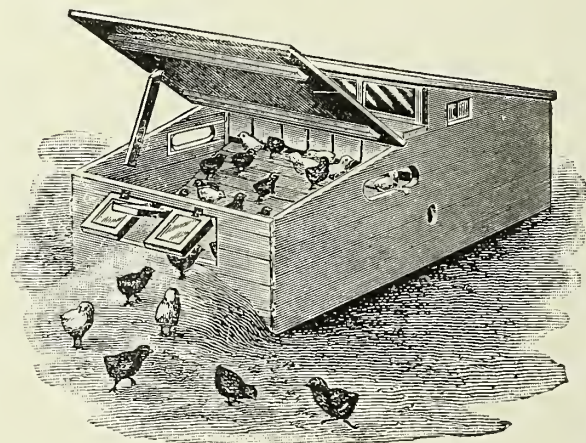
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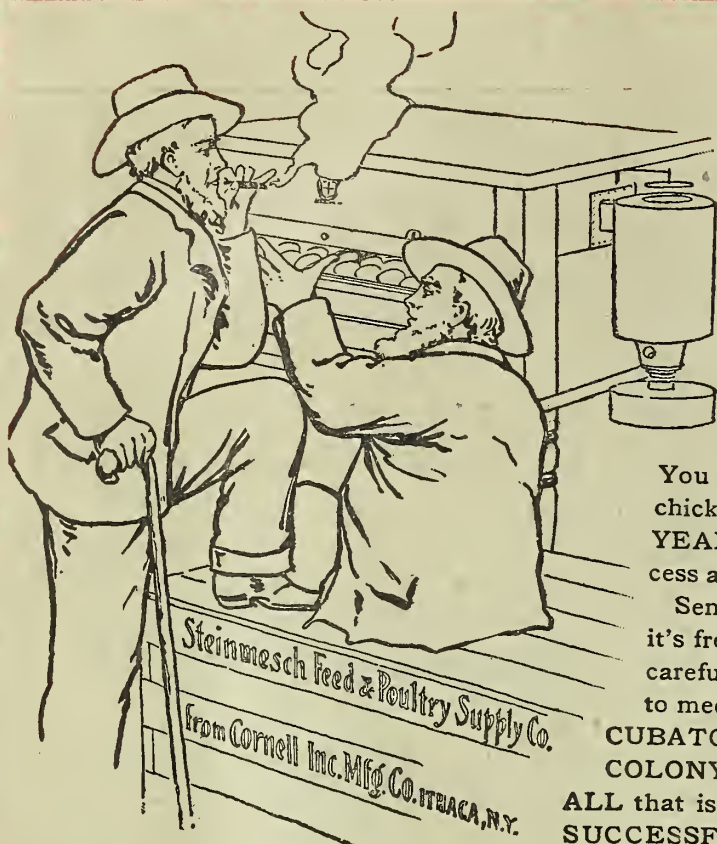
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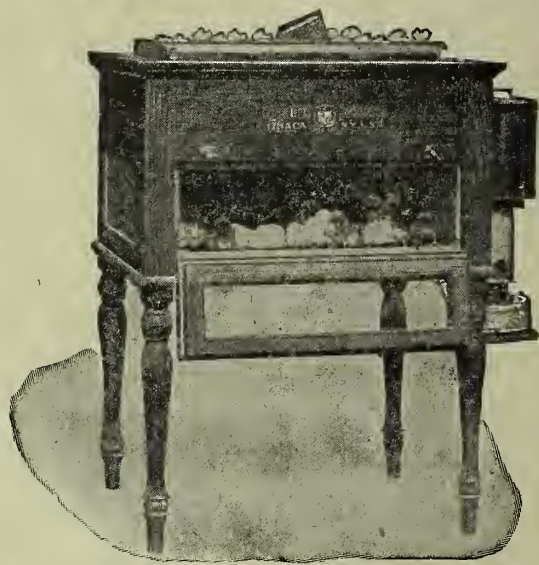
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